

02-08-07

PTO/SB/17 (12-04)

HWB

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FREE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ ) 180**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, Dale B.
Examiner Name	Ballard, Kimberly A.
Art Unit	1649
Attorney Docket No.	15270J-004766US

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 19-4880 Deposit Account Name: Sughrue Mion, PLLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES Small Entity		SEARCH FEES Small Entity		EXAMINATION FEES Small Entity		Fees Paid (\$)
	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	
Utility							
Design							
Plant							
Reissue							
Provisional							

**2. EXCESS CLAIM FEES****Fee Description****Small Entity**  
**Fee (\$)** **Fee (\$)**Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent  
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent  
Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
-20 or HP =	x	=				
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
-3 or HP =	x	=				
HP = highest number of independent claims paid for, if greater than 3						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

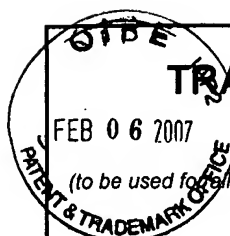
**4. OTHER FEE(S)****Fees Paid (\$)**

Other: 1806 1.17(p) Submission of an Information Disclosure Statement

\$180

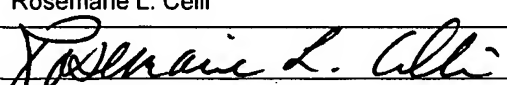
**SUBMITTED BY**

Signature	Rosemarie L. Celli	Registration No. (Attorney/Agent)	42,397	Telephone	650-625-8100
Name (Print/Type)	Rosemarie L. Celli			Date	February 6, 2007

		Application Number	10/777,792
		Filing Date	February 11, 2004
		First Named Inventor	Schenk, Dale B.
		Art Unit	1649
		Examiner Name	Ballard, Kimberly A.
Total Number of Pages in This Submission	62	Attorney Docket Number	15270J-004766US

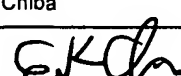
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (1 page, submitted in duplicate) <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement (9 pgs) with PTO/SB/08A (11 pgs) and SB/08B (38 pgs) Forms and *copies of cite nos. 648-655, 662-666, 676-678, 681-682, 687-690, 694-701, 727-729, 731-739, 741-746, 749-757, 759, 765-769, 786-794, 796-803, 806-818, and 827-841 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawings Sheets <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): 1. Return Receipt Postcard
Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 19-4880.		
*Not included in "Total Number of Pages in This Submission"		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Rosemarie L. Celli	Reg. No. 42,397
Signature		
Date	February 6, 2007	

## CERTIFICATE OF MAILING

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on February 6, 2007 with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. EV 843 554 940 US addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Typed or printed name	Erika Chiba		
Signature		Date	February 6, 2007



# PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of: Dale B. SCHENK

Docket No: 15270J-004766US

Appln. No.: 10/777,792

Group Art Unit: 1649

Confirmation No.: 3041

Examiner: Kimberly A. Ballard

Filed: February 11, 2004

For: PREVENTION AND TREATMENT  
OF AMYLOIDOGENIC DISEASE

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97 and §1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

#### CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on February 6, 2007 with the United States Postal Service in an envelope as "Express Mail Post Office To Addressee," mailing label No. EV 843 554 940 US addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

2/6/07  
Date

Erika Chiba  
Erika Chiba

Sir:

The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of references 1-642 and 820-826 can be found in Application No. 09/322,289, filed May 28, 1999 (Attorney Docket No. 15270J-004740US). Copies of references 648-655, 662-666, 676-678, 681-682, 687-690, 694-701, 727-729, 731-739, 741-746, 749-757, 759, 765-769, 786-794, 796-803, 806-818, and 827-841 are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicant also cites the following copending applications which are directed to related subject matter and are commonly owned or under an assignment obligation:

09/201,430 filed 11/30/98; issued as U.S. 6,787,523 on 09/07/04;

09/724,477 filed 11/28/00; issued as U.S. 6,787,143 on 09/07/04;

02/09/2007 WASFAW1 00000052 194880 10777792

01 FC:1806 180.00 DA

09/723,927 filed 11/28/00; issued as U.S. 6,787,138 on 09/07/04;  
09/723,762 filed 11/28/00; issued as U.S. 6,787,144 on 09/07/04 ;  
09/724,102 filed 11/28/00; issued as U.S. 6,787,139 on 09/07/04;  
09/724,489 filed 11/28/00; issued as U.S. 6,787,140 on 09/07/04;  
10/816,022 filed 03/31/04; issued as U.S. 6,866,850 on 03/15/05;  
10/816,529 filed 03/31/04; issued as U.S. 6,818,218 on 11/16/04;  
10/815,391 filed 03/31/04; issued as U.S. 6,866,849 on 03/15/05;  
10/934,818 filed 09/02/04;  
11/108,102 filed 04/15/05;  
11/245,524 filed 10/07/05;  
10/934,609 filed 09/02/04; issued as U.S. 6,946,135 on 09/20/2005;  
11/245,916 filed 10/7/05;  
10/933,559 filed 09/02/04; issued as U.S. 6,972,127 on 12/06/05;  
10/815,353 filed 03/31/04; issued as U.S. 6,808,712 on 10/26/04;  
10/816,380 filed 03/31/04; issued as US 7,014,855 on 03/21/06;  
10/815,404 filed 03/31/04; issued as U.S. 6,982,084 on 01/03/06;  
10/884,892 filed 07/01/04; issued as U.S. 6,962,707 on 11/08/05;  
09/322,289 filed 05/28/99;  
09/724,319 filed 11/27/00; Appeal Brief filed 10/10/06  
09/723,384 filed 11/27/00; issued as U.S. 6,710,226 on 03/23/04;  
10/429,216 filed 05/30/03;  
10/828,548 filed 04/19/04;  
10/923,471 filed 08/20/04;

Application No. 10/777,792  
Supplemental Information Disclosure Statement filed February 6, 2007

10/923,474 filed 08/20/04;  
10/928,926 filed 08/27/04;  
10/923,605 filed 08/20/04;  
10/923,469 filed 08/20/04;  
09/724,940 filed 11/28/00; issued as U.S. 6,905,686 on 06/14/05;  
09/724,961 filed 11/28/00; issued as U.S. 6,743,427 on 6/1/04;  
11/058,757 filed 02/14/05;  
09/580,018 filed 05/26/00; issued as U.S. 6,761,888 on 07/13/04;  
09/724,552 filed 11/28/00; issued as U.S. 6,750,324 on 6/15/04;  
09/724,273 filed 11/28/00;  
09/724,551 filed 11/28/00; issued as U.S. 6,787,637 on 09/07/04;  
09/724,288 filed 11/28/00;  
10/777,792 filed 02/11/04;  
10/890,000 filed 07/12/04;  
10/890,070 filed 07/12/04;  
10/890,071 filed 07/12/04;  
09/723,765 filed 11/28/00; Appeal Brief filed 11/10/05;  
09/724,567 filed 11/28/00; issued as U.S. 6,890,535 on 05/10/05;  
09/724,575 filed 11/28/00;  
09/724,953 filed 11/28/00; issued as U.S. 6,875,434 on 04/05/05;  
09/724,570 filed 11/28/00; issued as U.S. 6,936,246 on 08/30/05; and  
09/979,952 filed 04/09/02 (U.S. National Stage of PCT/US00/15239  
filed 06/01/00); issued as U.S. 6,913,745 on 07/05/05.

Application No. 10/777,792  
Supplemental Information Disclosure Statement filed February 6, 2007

Applicant also cites the following copending applications directed to related subject matter but subject to different assignment:

10/010,942 filed 12/06/01; issue fee paid 08/11/06

10/789,273 filed 2/27/04;

10/232,030 filed 08/30/02; Notice of Appeal filed 12/21/06;

10/388,389 filed 03/12/03; issue fee paid 08/31/06

10/703,713 filed 11/07/03;

10/704,070 filed 11/07/03;

11/396,417 filed 03/30/06;

10/388,214 filed 03/12/03;

10/858,855 filed 06/01/04;

10/771,174 filed 02/04/04;

11/260,047 filed 10/26/05;

11/304,986 filed 12/15/05;

11/305,889 filed 12/15/05;

11/305,899 filed 12/15/05;

11/303,478 filed 12/15/05;

11/304,072 filed 12/15/05;

60/736,119 filed 11/10/05;

60/735,687 filed 11/10/05;

10/544,093 filed 08/01/05 (U.S. National Stage of PCT/US04/02856  
filed 01/31/04);

11/342,353 filed 01/27/06;

10/583,503 filed 06/16/06

11/413,638 filed 04/28/06;  
11/454,772 filed 06/16/06.  
11/516,724 filed 09/05/06;  
11/520,438 filed 09/12/06; and  
60/793,014 filed 04/18/06.

Applicant further cites the following commonly owned abandoned applications directed to related subject matter:

60/067,740 filed 12/02/97;  
60/080,970 filed 04/07/98;  
09/580,015 filed 05/26/00;  
10/889,999 filed 04/12/04;  
09/580,019 filed 05/26/00;  
09/724,291 filed 11/28/00;  
09/585,656 filed 06/01/00;  
09/723,766 filed 11/27/00;  
09/723,725 filed 11/27/00;  
09/980,568 filed 03/12/02 (U.S. National Stage of PCT/US00/15302 filed 06/01/00);  
09/579,690 filed 05/26/00;  
60/067,219 filed 12/03/97;  
60/079,697 filed 03/27/98;  
09/204,838 filed 12/03/98;

09/724,921 filed 11/28/00;  
09/724,929 filed 11/28/00;  
60/137,010 filed 06/01/99;  
60/137,047 filed 06/01/99;  
60/136,655 filed 05/28/99,  
09/723,544 filed 11/28/00.  
09/497,553 filed 02/03/00;  
09/723,713 filed 11/27/00;  
09/723,760 filed 11/27/00;  
09/724,495 filed 11/27/00;  
10/788,666 filed 02/27/04;  
09/979,701 filed 03/13/01 (U.S. National Stage of PCT/US00/14810  
filed 05/26/00);  
10/822,968 filed 04/12/04;  
10/823,463 filed 04/12/04;  
10/890,024 filed 04/12/04;  
10/923,267 filed 08/20/04;  
10/934,819 filed 09/02/04; and  
11/396,391 filed 03/30/2006.

Applicant also cites the following abandoned applications directed to related  
subject matter but subject to different assignment:

60/251,892 filed 12/06/00;  
60/444,150 filed 02/01/03;



60/616,474 filed 10/05/04;  
60/530,481 filed 12/17/03;  
60/474,654 filed 05/30/03;  
60/363,751 filed 03/12/02.  
60/622,525 filed 10/26/04;  
60/636,684 filed 12/15/04;  
60/636,842 filed 12/15/04;  
60/637,253 filed 12/16/04;  
60/636,810 filed 12/15/04;  
60/637,138 filed 12/16/04;  
60/636,776 filed 12/15/04;  
60/636,687 filed 12/15/04;  
60/736,045 filed 11/10/05;  
60/691,821 filed 06/17/05; and  
60/648,631 filed 01/28/05.

Applicant points out that the following applications are now commonly assigned but were previously subject to different assignment than the present application:

60/067,219 filed 12/03/97;  
60/079,697 filed 03/27/98;  
09/204,838 filed 12/03/98;  
09/724,921 filed 11/28/00; and,  
09/724,929 filed 11/28/00.

Applicant understands the Examiner can access papers from the prosecution of the cited cases electronically via PALM. However, if the Examiner has difficulty obtaining papers from that source he or she are invited to call the undersigned who will be happy to supply them.

"Grant Application; Raso, Immunology of Alzheimer's Disease', 1/1998," cited by the Examiner in Application No. 09/579,690, is cited herewith as cite no. 304. Application No. 09/579,690 is a commonly owned copending application directed to subject matter related to the instant application. Applicants believe "1/1998" is not the publication date as alleged by the Examiner, but refers to the grant funding cycle. Applicants' further believe the date of public accessibility, if any, is unknown. Applicants wish to bring to the Examiner's attention that a copy of a grant application believed to have been submitted by Victor Raso for NIH Grant 1 R43 AGI 5746-01 on August 29, 1997 is cited herewith as cite no. 144. Cite no. 144 is a redacted version of cite no. 304. Applicants obtained cite no. 144 under the Freedom of Information Act (FOIA). It is believed that the grant proposal would not have been accessible under FOIA before April 2, 1998, but the exact date of public accessibility, if any, is not known to Applicants.


The Assignee of the instant application is a licensee of U.S. Patent No. 5,688,651, which is directed in part to subject matter related to the instant application. U.S. Patent No. 5,688,651 is now undergoing examination reissue as Application No. 09/441,140. U.S. Patent No. 5,688,651 and U.S. Application No. 09/441,140 are cited herewith as Cite Nos. 16 and 283, respectively.

Applicants note than an opposition has been filed against European application, EP 0 568 575. EP 0 568 575 is a commonly owned application directed to related subject matter and corresponding to USSN 09/204,838 filed 12/03/98, 09/724,921 filed 11/28/00; and, 09/724,929 filed 11/28/00 (all of record). References D1-D2, D5-D6, D10-D11, and D19-D21 cited in the opposition are being made of record and are identified on the attached PTO/SB/08A and PTO/SB/08B forms as references 760-763 and 765-769. All papers in the opposition can be viewed online at the European Patent Office at [ofi.epoline.org/view/getdossier](http://ofi.epoline.org/view/getdossier) or can be provided on request. The opposition is still in progress.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance. Please charge the IDS fee of \$180 to Deposit Account No. 19-4880. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

  
Rosemarie L. Celli  
Registration No. 42,397

SUGHRUE MION, PLLC  
Telephone: (650) 625-8100  
Facsimile: (650) 625-8110

MOUNTAIN VIEW OFFICE

**23493**

CUSTOMER NUMBER

Date: February 6, 2007  
RLC/JEO/CRF  
53069-1  
60965343



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

**U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	686	6,972,127	12-06-2005	Schenk	
	679	2005/0255122 A1	11-17-2005	Schenk	
	680	2005/0249727 A1	11-10-2005	Schenk	
	785	2005/0249725 A1	11-10-2005	Schenk et al.	
	674	6,962,707	11-08-2005	Schenk	
	656	6,946,135	09-20-2005	Schenk	
	693	2005/0191314 A1	09-01-2005	Schenk	
	713	6,936,698	08-30-2005	Taylor	
	716	6,933,368	08-23-2005	Co et al.	
	758	2005/0169925 A1	08-04-2005	Bardroff et al.	
	685	2005/0163788 A1	07-28-2005	Schenk	
	657	6,913,745	07-05-2005	Schenk	
	715	2005/0136054 A1	06-23-2005	Adair et al.	
	658	6,905,686	06-14-2005	Schenk	
	714	2005/0123534 A1	06-09-2005	Adair et al.	
	784	2005/0118651 A1	06-02-2005	Basi et al.	
	659	6,890,535	05-10-2005	Schenk	
	578	6,875,434	04-05-2005	Schenk	
	683	2005/0059802 A1	03-17-2005	Schenk et al.	
	684	2005/0059591 A1	03-17-2005	Schenk et al.	
	575	6,866,850	03-15-2005	Schenk	
	577	6,866,849	03-15-2005	Schenk	
	661	2005/0009150 A1	01-13-2005	Basi et al.	
	583	2004/0265919 A1	12-30-2004	Vanderstichlele et al.	
	581	2004/0247612 A1	12-09-2004	Wang	
	582	2004/0241164 A1	12-02-2004	Bales et al.	
	576	6,818,218	11-16-2004	Schenk	
	673	6,808,712	10-26-2004	Schenk	
	805	2004/0197324 A1	10-07-2004	Jun et al.	
	563	6,787,637	09-07-2004	Schenk et al.	

Examiner  
SignatureDate  
Considered

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231  
53068\_1.DOC / 60965517



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

667	6,787,523	09-07-2004	Schenk	
670	6,787,144	09-07-2004	Schenk	
668	6,787,143	09-07-2004	Schenk	
672	6,787,140	09-07-2004	Schenk	
669	6,787,138	09-07-2004	Schenk	
671	6,787,129	09-07-2004	Schenk	
660	2004/0171815 A1	09-02-2004	Schenk et al.	
572	6,761,888	07-13-2004	Schenk	
562	6,750,324	06-15-2004	Schenk et al.	
573	6,743,427	06-01-2004	Schenk	
783	2004/0087777 A1	05-06-2004	Basi et al.	
782	2004/0082762 A1	04-29-2004	Basi et al.	
442	6,713,450 B2	03-30-2004	Frangione et al.	
444	2004/0043418 A1	03-04-2004	Holtzman et al.	
708	2003/0039645 A1	10-14-2003	Adair et al.	
415	2003/0166558 A1	09-04-2003	Frangione et al.	
431	2003/0165496 A1	09-04-2003	Basi et al.	
544	2003/0147882 A1	08-07-2003	Solomon et al.	
675	6,710,226	02-23-2004	Schenk	
804	2003/0202972 A1	10-30-2003	James et al.	
712	6,639,055	10-28-2003	Carter et al.	
709	6,632,927	10-14-2003	Adair et al.	
748	6,610,493	08-26-2003	Citron et al.	
730	2003/0166557 A1	09-04-2003	Minna et al.	
432	6,562,341 B2	05-13-2003	Prusiner et al.	
702	6,548,640	04-15-2003	Winter	
360	2003/0073655 A1	04-17-2003	Chain	
370	2003/0068325 A1	04-10-2003	Wang	
440	2003/0068316 A1	04-10-2003	Klein et al.	
725	6,538,124	03-25-2003	Idusogie et al.	
726	6,528,624	03-04-2003	Idusogie et al.	
378	2002/0197258 A1	12-26-2002	Ghanbari et al.	
366	2002/0187157 A1	12-12-2002	Jensen et al.	

Examiner  
SignatureDate  
Considered

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231  
53068\_1.DOC / 60965517



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

377	2002/0168377 A1	11-14-2002	Schaetzel
340	2002/0162129 A1	10-31-2002	Lannfelt
395	2002/0160394 A1	10-31-2002	Wu
326	2002/0136718 A1	09-26-2002	Raso
379	2002/0132268 A1	09-19-2002	Chang et al.
365	2002/0133001 A1	09-19-2002	Geffer et al.
325	2002/0102261 A1	08-01-2002	Raso
362	2002/0094335 A1	07-18-2002	Chalifour et al.
306	6,417,178 B1	07-09-2002	Klunk et al.
376	2002/0086847 A1	07-04-2002	Chain
345	2002/0077288 A1	06-20-2002	Frangione
710	6,407,213	06-18-2002	Carter et al.
405	6,399,314 B1	06-04-2002	Krishnamurthy
453	2002/0058267 A1	05-16-2002	Ozenberger et al.
776	6,372,716	04-16-2002	Bush et al.
342	2002/0009445 A1	01-24-2002	Du et al.
511	6,331,440	12-18-2001	Nordstedt, et al.
416	6,303,567 B1	10-16-2001	Findeis et al.
267	6,294,171 B2	09-25-2001	McMichael
381	2001/0021769 A1	09-13-2001	Prusiner
401	6,284,533 B1	09-04-2001	Thomas
234	6,284,221 B1	09-04-2001	Schenk, et al.
300	2001/0018053 A1	08-30-2001	McMichael
720	6,277,375	08-21-2001	Ward
777	6,270,757	08-07-2001	Warne
778	6,267,958	07-31-2001	Andya et al.
516	6,261,569	07-17-2001	Comis et al.
230	6,262,335 B1	07-17-2001	Hsiao et al.
452	6,218,506 B1	04-17-2001	Krafft et al.
795	6,210,671	04-03-2001	Co
724	6,194,551	02-27-2001	Idusogie et al.
704	6,180,370	01-30-2001	Queen et al.
747	6,175,057	01-16-2001	Mucke et al.

Examiner  
SignatureDate  
Considered

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231  
53068\_1.DOC / 60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet

4

of

49

## Complete if Known

Application Number

10/777,792

Filing Date

February 11, 2004

First Named Inventor

Schenk, D. B.

Art Unit

1649

Examiner Name

Ballard, K. A.

Attorney Docket Number

15270J-004766US

719	6,165,745	12-26-2000	Ward et al.
196	6,150,091	11-21-2000	Pandolfo et al.
723	6,121,022	09-19-2000	Presta et al.
231	6,114,133	09-05-2000	Seubert et al.
1	6,057,367	05-02-2000	Stamler et al.
711	6,054,297	04-25-2000	Carter et al.
510	6,022,859	02-08-2000	Kiessling, et al.
221	5,989,566	11-23-1999	Cobb et al.
417	5,985,242	11-16-1999	Findeis et al.
2	5,958,883	09-28-1999	Snow
3	5,955,317	09-21-1999	Suzuki et al.
4	5,955,079	09-21-1999	Mond et al.
346	5,935,927	08-10-1999	Vitek et al.
512	5,891,991	04-06-1999	Wasco et al.
5	5,877,399	03-02-1999	Hsiao et al.
6	5,869,093	02-09-1999	Weiner et al.
7	5,869,054	02-09-1999	Weiner et al.
722	5,869,046	02-09-1999	Presta et al.
707	5,859,205	01-12-1999	Adair et al.
445	5,854,215	12-29-1998	Findeis et al.
8	5,854,204	12-29-1998	Findeis et al.
9	5,851,996	12-22-1998	Kline
10	5,849,298	12-15-1998	Weiner et al.
382	5,846,533	12-08-1998	Prusiner
321	5,837,672	11-17-1998	Schenk et al.
11	5,837,473	11-17-1998	Maggio et al.
353	5,824,322	10-20-1998	Balasubramanian
446	5,817,626	10-06-1998	Findeis et al.
12	5,786,180	07-28-1998	Konig et al.
207	5,780,587	07-14-1998	Potter
357	5,776,468 B1	07-07-1998	Hauser et al.
779	5,770,700	06-23-1998	Webb et al.
451	5,766,846	06-16-1998	Schlossmacher et al.

Examiner  
Signature

Date

Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231  
53068\_1.DOC / 60965517



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 5 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

	13	5,753,624	05-19-1998	McMichael et al.	
	380	5,750,361	05-12-1998	Prusiner et al.	
	14	5,750,349	05-12-1998	Suzuki et al.	
	197	5,744,368	04-28-1998	Goldgaber et al.	
	780	5,744,132	04-28-1998	Warne et al.	
	211	5,736,142	04-07-1998	Sette et al.	
	15	5,733,547	03-31-1998	Weiner et al.	
	373	5,721,130	02-24-1998	Seubert et al.	
	642	5,702,906	12-30-1997	Rosenthal	
	643	5,693,762	12-02-1997	Queen et al.	
	705	5,693,761	12-02-1997	Queen et al.	
	16	5,688,651	11-18-1997	Solomon	
	17	5,679,348	10-21-1997	Nesburn et al.	
	721	5,677,425	10-14-1997	Bodmer et al.	
	515	5,652,334	07-29-1997	Roberts	
	717	5,648,260	07-15-1997	Winter et al.	
	18	5,645,820	07-08-1997	Hafler et al.	
	19	5,641,474	06-24-1997	Hafler et al.	
	20	5,641,473	06-24-1997	Hafler et al.	
	718	5,624,821	04-29-1997	Winter et al.	
	356	5,622,701	04-22-1997	Berg	
	644	5,618,920	04-08-1997	Robinson et al.	
	21	5,612,486	03-18-1997	McConlogue et al.	
	22	5,605,811	02-25-1997	Seubert et al.	
	320	5,593,846	01-14-1997	Schenk et al.	
	584	5,589,154	12-31-1996	Anderson	
	23	5,585,100	12-17-1996	Mond et al.	
	706	5,585,089	12-17-1996	Queen et al.	
	358	5,583,112 B2	12-10-1996	Kensil et al.	
	574	5,576,184	11-19-1996	Better et al.	
	24	5,571,500	11-05-1996	Hafler et al.	
	25	5,571,499	11-05-1996	Hafler et al.	
	619	5,530,101	06-25-1996	Queen et al.	

Examiner  
SignatureDate  
Considered

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231  
53068\_1.DOC / 60965517





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet 6 of 49

## Complete if Known

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

513	5,514,548	05-07-1996	Krebber et al.
514	5,470,951	11-28-1995	Roberts
403	5,464,823	11-07-1995	Lehrer et al.
175	5,441,870	08-15-1995	Seubert, et al.
26	5,434,170	07-18-1995	Andrulis, Jr.
27	5,387,742	02-07-1995	Cordell
781	5,385,887	01-31-1995	Yim et al.
543	5,278,049	01-11-1994	Baker et al.
181	5,270,165	12-14-1993	Van Nostrand et al.
645	5,258,498	11-02-1993	Huston et al.
284	5,231,170	07-27-1993	Averback
28	5,231,000	07-27-1993	Majocha et al.
819	5,227,159	07-13-1993	Miller
703	5,225,539	07-06-1993	Winter
29	5,220,013	06-15-1993	Ponte et al.
30	5,208,036	05-04-1993	Eppstein et al.
31	5,192,753	03-09-1993	McGeer et al.
32	5,187,153	02-16-1993	Cordell et al.
548	5,096,706	03-17-1992	Flint
33	5,057,540	10-15-1991	Kensil et al.
198	5,004,697	04-20-1991	Pardridge
570	4,912,206	03-27-1990	Goldgaber et al.
740	4,883,666	11-28-1989	Sabel et al.
646	4,816,567	03-28-1989	Cabilly et al.
647	4,816,397	03-28-1989	Boss et al.
402	4,713,366	12-15-1987	Stevens
34	4,666,829	05-19-1987	Glenner et al.

## U.S. PATENT APPLICATIONS

Examiner	Cite No. <sup>1</sup>	Document Number Kind Code <sup>2</sup> (if known)	Filing Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	691	11/245,524	10-07-2005	Schenk	
	692	11/245,916	10-07-2005	Schenk	
	296	60/254,465	12-08-2000	Holtzman et al.	

Examiner  
Signature

Date  
Considered

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231  
53068\_1.DOC / 60965517



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 7 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

	297	60/254,498	12-08-2000	Holtzman et al.	
	305	09/724,842	11-28-2000	Chalifour et al.	
	299	60/186,295	03-01-2000	Rasmussen et al.	
	295	60/184,601	02-24-2000	Holtzman et al.	
	282	60/169,687	12-08-1999	Chain	
	242	60/168,594	11-29-1999	Chalifour et al.	
	283	09/441,140	11-16-1999	Solomon et al.	
	763	60/067,740	12-02-1997	Schenk	
	760	60/067,219	12-03-1997	Weiner et al.	
	761	60/079,697	03-27-1998	Weiner et al.	
	762	60/080,970	01-11-1999	Schenk	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	533	AU	707083		07-01-1999			
	343	EP	1 172 378	A1	01-16-2002			
	48	EP	506 785	B1	03-15-2000			
	43	EP	639 081	B1	11-03-1999			
	46	EP	561 087	B1	08-04-1999			
	35	EP	911 036	A2	04-28-1999			
	42	EP	652 962	B1	12-16-1998			
	36	EP	868 918	A2	10-07-1998			
	37	EP	863 211	A1	09-09-1998			
	38	EP	845 270	A1	06-03-1998			
	523	EP	752 886	B1	01-28-1998			
	45	EP	594 607	B1	08-27-1997			
	39	EP	782 859	A1	07-09-1997			
	187	EP	783 104	A1	07-09-1997			
	47	EP	526 511	B1	05-28-1997			
	786	EP	758 901	B1	02-26-1997			
	787	EP	758 248	B1	02-19-1997			

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231  
53068\_1.DOC / 60965517



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 8 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

	50	EP	440 619	B1	01-24-1996			
	51	EP	359 783	B1	11-29-1995			
	40	EP	683 234	A1	11-22-1995			
	41	EP	666 080	A1	08-09-1995			
	738	EP	626 390	A1	11-30-1994			
	737	EP	620 276	A1	10-19-1994			
	44	EP	613 007	A2	08-31-1994			
	802	EP	597 101	A1	05-18-1994			
	52	EP	276 723	B1	12-08-1993			Yes
	49	EP	451 700	A1	10-16-1991			
	820	EP	285 159	A1	10-05-1988			
	93	GB	2 335 192	A	09-15-1999			
	92	GB	2 220 211	A	01-04-1990			
	587	JP	7-165799	A	06-27-1995			abst. only
	632	JP	07-132033	A	05-23-1995			abst. only
	631	JP	62-267297	A	11-19-1987			abst. only
	701	WO	05/014041	A2	02-17-2005			
	757	WO	04/108895	A2, A3	12-16-2004			
	585	WO	04/080419	A2	09-23-2004			
	797	WO	04/055164	A2	07-01-2004			
	579	WO	04/031400	A2	04-15-2004			
	571	WO	04/13172	A2, A3	02-12-2004			
	796	WO	03/105894	A1	12-24-2003			
	441	WO	03/104437	A2	12-18-2003			
	586	WO	03/077858	A2, A3	09-25-2003			
	443	WO	03/74081	A1	09-12-2003			
	447	WO	03/51374	A2	06-26-2003			
	799	WO	03/39485	A2	05-15-2003			
	433	WO	03/20212	A2	03-13-2003			
	756	WO	03/16467	A2, A3	02-27-2003			
	803	WO	03/16466	A2	02-27-2003			

Examiner  
SignatureDate  
Considered

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231  
53068\_1.DOC / 60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 9 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

	788	WO	03/15691	A2	02-27-2003			
	798	WO	03/09817	A2	02-06-2003			
	827	WO	02/96937	A2	12-05-2002			
	458	WO	02/60481	A1	08-08-2002			
	457	WO	02/46237	A1	06-13-2002			
	351	WO	02/34878	A2	05-02-2002			
	557	WO	02/88307	A2	11-07-2002			
	556	WO	02/88306	A2	11-07-2002			
	352	WO	02/34777	A1	05-02-2002			
	456	WO	02/21141	A2	03-14-2002			
	341	WO	02/03911	A2	01-17-2002			
	344	WO	01/90182	A2	11-29-2001			
	348	WO	01/77167	A2	10-18-2001			
	294	WO	01/62801	A2	08-30-2001			
	301	WO	01/62284	A2	08-30-2001			
	243	WO	01/39796	A2	06-07-2001			
	450	WO	01/18169	A3	03-15-2001			
	455	WO	01/10900	A2	02-15-2001			
	789	WO	01/05355	A2	01-25-2001			
	199	WO	00/77178	A1	12-21-2000			
	322	WO	00/72880	A2, A3	12-07-2000			
	323	WO	00/72876	A2, A3	12-07-2000			
	324	WO	00/72870	A1	12-07-2000			
	529	WO	00/68263	A2	11-16-2000			
	240	WO	00/43039	A1	07-27-2000			
	188	WO	00/43049	A1	07-27-2000			
	519	WO	00/26238	A2	05-11-2000			
	555	WO	00/23082	A1	04-27-2000			
	522	WO	00/20027	A2	04-13-2000			
	53	WO	99/60024	A1	11-25-1999			
	55	WO	99/58564	A1	11-18-1999			
	54	WO	99/60021	A2	11-15-1999			
	331	WO	99/06545	A2	11-02-1999			

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231  
53068\_1.DOC / 60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 10 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

	57	WO	99/27949	A1	06-10-1999			
	58	WO	99/27944	A1	06-10-1999			
	59	WO	99/27911	A1	06-10-1999			
	526	WO	99/06587	A2	02-11-1999			
	56	WO	99/06066	A2	02-11-1999			
	203	WO	99/00150	A2	01-07-1999			
	60	WO	98/44955	A1	10-15-1998			
	454	WO	98/33815	A1	08-06-1998			
	520	WO	98/22120	A1	05-28-1998			
	530	WO	98/08868	A1	03-05-1998			
	61	WO	98/07850	A2	02-26-1998			
	521	WO	98/05350	A1	02-12-1998			
	525	WO	98/02462	A1	01-22-1998			
	527	WO	97/32017	A1	09-04-1997			
	202	WO	97/21728	A1	06-19-1997			
	62	WO	97/17613	A1	05-15-1997			
	383	WO	97/10505	A1	03-20-1997			
	528	WO	97/08320	A1	03-06-1997			
	813	WO	97/03192	A3	01-30-1997			
	63	WO	96/39176	A1	12-12-1996			
	532	WO	96/37621	A2	11-28-1996			
	208	WO	96/28471	A1	09-19-1996			
	64	WO	96/25435	A1	08-22-1996			
	65	WO	96/18900	A1	06-20-1996			
	633	WO	96/08665	A2	03-21-1996			
	66	WO	95/31996	A1	11-30-1995			
	518	WO	95/23166	A1	08-31-1995			
	630	WO	95/17085	A1	06-29-1995			
	200	WO	95/12815	A1	05-11-1995			
	67	WO	95/11994	A1	05-04-1995			
	68	WO	95/11311	A1	04-27-1995			
	227	WO	95/11008	A2	04-27-1995			
	531	WO	95/08999	A1	04-06-1995			
	696	WO	95/06407	A1	03-09-1995			

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231  
53068\_1.DOC / 60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet 11 of 49

## Complete if Known

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

69	WO	95/05853	A1	03-02-1995			
524	WO	95/05393	A2	02-23-1995			
70	WO	95/04151	A2	02-09-1995			
201	WO	94/28412	A1	12-08-1994			
736	WO	94/10569	A1	05-11-1994			
517	WO	94/05311	A1	03-17-1994			
71	WO	94/03615	A1	02-17-1994			
72	WO	94/01772	A1	01-20-1994			
814	WO	94/00153	A1	01-06-1994			
73	WO	93/21950	A1	11-11-1993			
74	WO	93/16724	A1	09-02-1993			
75	WO	93/15760	A1	08-19-1993			
76	WO	93/14200	A1	07-22-1993			
205	WO	93/04194	A1	03-04-1993			
77	WO	93/02189	A1	02-04-1993			
78	WO	92/13069	A1	08-06-1992			
79	WO	92/06708	A1	04-30-1992			
80	WO	92/06187	A1	04-16-1992			
81	WO	91/19810	A1	12-26-1991			
821	WO	91/16928	A1	11-14-1991			
82	WO	91/16819	A1	11-14-1991			
83	WO	91/12816	A1	09-05-1991			
648	WO	91/09967	A1	07-11-1991			
84	WO	91/08760	A1	06-27-1991			
85	WO	90/12871	A1	11-01-1990			
86	WO	90/12870	A1	11-01-1990			
89	WO	89/06689	A1	07-27-1989			
88	WO	89/06242	A1	07-13-1989			
90	WO	89/03687	A1	05-05-1989			
87	WO	89/01343	A1	02-23-1989			
91	WO	88/10120	A1	12-29-1988			

Examiner  
Signature

Date  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231  
53068\_1.DOC / 60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 12 of 49

### Complete if Known

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	391	AGUZZI et al., "Prion research: the next frontiers," <u>Nature</u> , 389:795-798 (1997).	
	372	AKIYAMA et al., "Occurrence of the Diffuse Amyloid $\beta$ -Protein ( $A\beta$ ) Deposits With Numerous $A\beta$ -Containing Glial Cells in the Cerebral Cortex of Patients With Alzheimer's Disease," <u>Glia</u> , 25:324-331 (1999).	
	393	AKIYAMA et al., "Inflammation and Alzheimer's disease," <u>Neurobiology of Aging</u> , 21:383-421 (2000).	
	663	ALBERTS et al., eds. <i>Molecular Biology of The Cell, Third Edition</i> , chapter 23, pages 1208-1209 (1994).	
	649	AMIT et al., "Three-Dimensional Structure of an Antigen-Antibody Complex at 2.8 Å Resolution," <u>Science</u> , 233:747-753 (1986).	
	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?", <u>Neurology</u> , 45:1441-1445 (1995).	
	588	ANDERSON, J. P., "Exact cleavage site of Alzheimer amyloid precursor in neuronal PC-12 cells," <u>Neuroscience Letters</u> , 128(1):126-128 (1991).	
	589	ANDERSON, M. W., "Amending the amyloid hypothesis," <u>The Scientist</u> , 18(20):28-29 (2004).	
	448	ANDREW et al., <i>Current Protocols in Immunology</i> , 2.7.1-2.9.8, John Wiley & Sons, Inc. (1997).	
	677	ANKARCRONA et al., "Biomarkers for apoptosis in Alzheimer's disease," <u>Int. J. Geriatric Psychiatry</u> , 20:101-105 (2005).	
	484	ARENDIASH et al., "Behavioral assessment of Alzheimer's transgenic mice following long-term $A\beta$ vaccination: Task specificity and correlations between $A\beta$ deposition and spatial memory," <u>DNA and Cell Biology</u> , 20(11):737-744 (2001).	
	95	Associated Press, "Immune cells may promote Alzheimer's, a study finds," <u>The Boston Globe</u> (4/13/95).	<input type="checkbox"/>

Examiner  
Signature

Date  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/777,792
				Filing Date	February 11, 2004
				First Named Inventor	Schenk, D. B.
				Art Unit	1649
				Examiner Name	Ballard, K. A.
Sheet	13	of	49	Attorney Docket Number	15270J-004766US

	681	AULD et al., "Alzheimer's disease and the basal forebrain cholinergic system: relations to $\beta$ -amyloid peptides, cognition, and treatment strategies," <u>Progress in Neurobiol.</u> , 68:209-245 (2002).	
	485	BACSKAI et al., "Imaging of amyloid- $\beta$ deposits in brains of living mice permits direct observation of clearance of plaques with immunotherapy," <u>Nature Medicine</u> , 7(3):369-372 (2001).	
	590	BACSKAI et al., "Non-Fc-mediated mechanisms are involved in clearance of amyloid- $\beta$ in vivo by immunotherapy," <u>J. Neurosci.</u> , 22(18):7873-7878 (2002).	
	504	BALBACH et al., "Amyloid fibril formation by A $\beta$ <sub>16-22</sub> , a seven-residue fragment of the Alzheimer's $\beta$ -amyloid peptide, and structural characterization by solid state NMR," <u>Biochemistry</u> , 39:13748-13759 (2000).	
	790	BALES et al., "Administration of an Anti-A $\beta$ Fab Fragment to APP <sup>V717F</sup> Transgenic Mice Reduces Neuritic Plaque," Abstract P\$-396, Page S587, presented at Poster Session P4: Therapeutics and Therapeutic Strategies-Therapeutic Strategies, Amyloid-Based	
	176	BARD et al., "Peripherally administered antibodies against amyloid $\beta$ -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <u>Nature Medicine</u> , 6(8):916-919 (2000).	
	550	BARD et al., "Epitope and isotype specificities of antibodies to $\beta$ -amyloid peptide for protection against Alzheimer's disease-like neuropathology," <u>PNAS</u> , 100(4):2023-2028 (2003).	
	228	BARROW et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra," <u>J. Mol. Biol.</u> , 225(4):1075-1093 (1992).	
	96	BAUER et al., "Interleukin-6 and $\alpha$ -2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," <u>FEBS Letters</u> , 285(1):111-114 (1991).	
	239	BEASLEY, "Alzheimer's traced to proteins caused by aging," Reuters, April 20, 2001 7:56 PM ET.	
	561	BELLOTTI et al., "Application of Monoclonal Anti-idiotypes in the Study of AL Amyloidosis: Therapeutic Implications," <u>Renal Failure</u> , 15(3):365-371 (1993).	
	404	BENJAMINI et al., from <i>IMMUNOLOGY A Short Course</i> , Second Edition, Chapter 4, Antibody Structure, pages 49-65, 1991, published by Wiley-Liss, Inc., New York, New York.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517







Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 14 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

558	BENJAMINI et al., from <i>IMMUNOLOGY A Short Course</i> , Second Edition, pages 136-138, 143, 73-74, 372-373, and 400-401, 1991, published by Wiley-Liss, Inc., New York, New York.	
540	BENKIRANE, et al, "Antigenicity and Immunogenicity of Modified Synthetic Peptides Containing D-Amino Acid Residues," <i>J. Biol. Chem.</i> , 268(23):26279-26285 (1993).	
204	BERCOVICI et al., "Chronic Intravenous Injections of Antigen Induce and Maintain Tolerance in T Cell Receptor-Transgenic Mice," <i>Eur. J. Immunol.</i> , 29:345-354 (1999).	
212	BICKEL et al., "Site Protected, Cationized Monoclonal Antibody Against Beta Amyloid as a Potential Diagnostic Imaging Technique for Alzheimer's Diseases," <i>Soc. for Neuroscience Abstracts</i> , 18:764 (1992).	
750	BICKEL et al., "Development and in Vitro Characterization of a Cationized Monoclonal Antibody against $\beta$ A4 Protein: A Potential Probe for Alzheimer's Disease," <i>Bioconjugate Chem.</i> , 5:119-125 (1994).	
754	BLASBERG et al., "Regional Localization of Glioma-associated Antigen Defined by Monoclonal Antibody 81C6 <i>in Vivo</i> : Kinetics and Implications for Diagnosis and Therapy," <i>Cancer Research</i> , 47:4432-4443 (1987).	
97	BLASS, "Immunologic Treatment of Alzheimer's Disease," <i>New England J. Medicine</i> , 341(22):1694 (1999).	
98	BODMER et al., "Transforming Growth Factor-Beta Bound to Soluble Derivatives of the Beta Amyloid Precursor Protein of Alzheimer's Disease," <i>Biochem. Biophys. Res. Comm.</i> , 171(2):890-897 (1990).	
99	BORCHELT et al., "Accelerated Amyloid Deposition in the Brains of Transgenic Mice Coexpressing Mutant Presenilin 1 and Amyloid Precursor Proteins," <i>Neuron</i> , 19:939-945 (1997).	<input type="checkbox"/>
840	BORENSTEIN, S., "New Alzheimer's vaccine to be tested on people soon, Early experiments on mice halted condition; considered safe for humans," <i>Free Press</i> , 7/23/01.	
100	BORIS-LAWRIE et al., "Recent advances in retrovirus vector technology," <i>Cur. Opin. Genetic Develop.</i> , 3:102-109 (1993).	<input type="checkbox"/>
419	BORK et al., "Go hunting in sequence databases but watch out for the traps," <i>Trends in Genetics</i> , 12(10):425-427 (1996).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60965517





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 15 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

418	BORK, P., "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle," <u>Genome Research</u> , 10:398-400 (2000).
746	BRAZIL et al., "Effects of Incorporation of Immunoglobulin G and Complement Component C1q on Uptake and Degradation of Alzheimer's Disease Amyloid Fibrils by Microglia," <u>J. Biol. Chem.</u> , 275(22):16941-16947 (2000).
420	BRENNER, S. E., "Errors in genome annotation," <u>Trends in Genetics</u> , 15(4):132-133 (1999).
101	BRICE et al., "Absence of the amyloid precursor protein gene mutation (APP717 : Val->Ile) in 85 cases of early onset Alzheimer's disease," <u>J. Neurology, Neurosurg. Psychiatry</u> , 56:112-115 (1993).
832	BROADWELL et al., "Serum proteins bypass the blood-brain fluid barriers for extracellular entry to the central nervous system," <u>Exp. Neurol.</u> , 120(2):245-263 (1993).
824	BROOKMEYER et al., "Projections of Alzheimer's Disease in the United States and the Public Health Impact of Delaying Disease Onset," <u>Am. J. Public Health</u> , 88:1337-1342 (1998).
461	BURDICK et al., "Assembly and aggregation properties of synthetic Alzheimer's A4/ $\beta$ amyloid peptide antigens," <u>J. Biol. Chem.</u> , 267:546-555 (1992).
791	BUSSIERE et al., "Morphological Characterization of Thioflavin-S-Positive Amyloid Plaques in Transgenic Alzheimer Mice and Effect of Passive A $\beta$ Immunotherapy on Their Clearance," <u>Am. J. Pathology</u> , 165(3):987-995 (2004).
327	CAMERON, "Recent Advances in Transgenic Technology," <u>Molecular Biotechnology</u> , 7:253-265 (1997).
285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," <u>Clin. Neuropharm.</u> , 15:414A-414B (1992).
421	CASTILLO et al., "Amylin / Islet Amyloid Polypeptide: Biochemistry, Physiology, Patho-Physiology," <u>Diabete &amp; Metabolisme (Paris)</u> , 21:3-25 (1995).
823	CASELL et al., "Demography and Epidemiology of Age-Associated Neuronal Impairment," chapter 4, pages 31-50 from <u>Functional Neurobiology of Aging</u> , Hof et al., eds., Academic Press (2001).

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 16 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

224	Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, Thimerosal in Vaccines (Mercury in Plasma-Derived Products), web site contents found at : <a href="http://www.fda.gov/cber/vaccine/thimerosal.htm">http://www.fda.gov/cber/vaccine/thimerosal.htm</a> , last updated May 16, 2002.
102	CHAO et al., "Transforming Growth Factor- $\beta$ Protects human Neurons Against $\beta$ -Amyloid-Induced Injury," <u>Soc. Neurosci. Abstracts</u> , 19:513-7 (1993).
266	CHAPMAN, "Model behavior," <u>Nature</u> , 408:915-916 (2000).
349	CHECK, "Battle of the Mind," <u>Nature</u> , 422:370-372 (2003).
222	Chemical Abstract database, Abstract of "Injection of Newborn Mice with Seven Chemical Adjuvants to Help Determine Their Safety in Use in Biologicals," Chemical Abstract database. (Publication date unknown.)
639	Chimicon International, "Mouse Anti-Amyloid Beta Protein Monoclonal Antibody," Catalog # MAB1561
332	CHEN et al., "Neurodegenerative Alzheimer-like pathology in PDAPP 717V $\rightarrow$ F transgenic mice," <u>Progress in Brain Research</u> , 117:327-337 (1998).
307	CHEN et al., "A learning deficit related to age and beta-amyloid plaques in a mouse model of Alzheimer's disease," <u>Nature</u> , 408(6815):975-979 (2000).
213	CHEN et al., "An Antibody to $\beta$ Amyloid Precursor Protein Inhibits Cell-substratum Adhesion in Many Mammalian Cell Types," <u>Neuroscience Letters</u> , 125:223-226 (1991).
542	CHISHTI et al., "Early-onset Amyloid Deposition and Cognitive Deficits in Transgenic Mice Expressing a Double Mutant Form of Amyloid Precursor Protein 695," <u>J. Biol.Chem.</u> , 276(24):21562-70 (2001).
566	CHOTHIA et al., "Domain Association in Immunoglobulin Molecules," <u>J. Mol. Biol.</u> , 186:651-663 (1985).
591	CHROMY et al., "Self-assembly of A $\beta$ (1-42) into globular neurotoxins," <u>Biochemistry</u> , 42(44):12749-12760 (2003).
302	CHUNG et al., "Uptake, Degradation, and Release of Fibrillar and Soluble Forms of Alzheimer's Amyloid $\beta$ -Peptide by Microglial Cells," <u>J. Biol. Chem.</u> , 274(45):32301-32308 (1999).

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 17 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

509	CIRRITO et al., "Amyloid $\beta$ and Alzheimer disease therapeutics: the devil may be in the details," <u>J. Clin. Invest.</u> , 112:321-323 (2000).	
592	CITRON et al., "Evidence that the 42- and 40- amino acid forms of amyloid- $\beta$ protein are generated from the $\beta$ -amyloid precursor protein by different protease activities," <u>PNAS</u> , 93(23):13170-13175 (1996).	
593	CITRON, M., "Alzheimer's disease: treatments in discovery and development," <u>Nat. Neurosci.</u> , 5:1055-1057 (2002).	
699	CLAYTON et al., "Synucleins in Synaptic Plasticity and Neurodegenerative Disorders," <u>J. Neurosci. Res.</u> , 58:120-129 (1999).	
462	CO et al., "Chimeric and humanized antibodies with specificity for the CD33 antigen," <u>J. Immunol.</u> , 148:1149-1154 (1992).	
766	COICO et al., <u>Immunology A Short Course, Fifth Edition</u> , pages 18-24 (2003).	
291	COLOMA et al., "Transport Across the Primate Blood-Brain Barrier of a Genetically Engineered Chimeric Monoclonal Antibody to the Human Insulin Receptor," <u>Pharm. Res.</u> , 17:266-274 (2000).	
333	CONWAY et al., "Acceleration of oligomerization, not fibrillization, is a shared property of both $\alpha$ -synuclein mutations linked to early-onset Parkinson's disease: Implications for pathogenesis and therapy," <u>PNAS</u> , 97(2):571-576 (2000).	
286	CORDELL, B., " $\beta$ -Amyloid formation as a potential therapeutic target for Alzheimer's disease," <u>Ann. Rev. Pharmacol. Toxicol.</u> , 34:69-89 (1994).	
287	COSTA et al., "Immunoassay for transthyretin variants associated with amyloid neuropathy," <u>Scand. J. Immunol.</u> , 38:177-182 (1993).	
687	COX et al., "Adjuvants---a classification and review of their modes of action," <u>Vaccine</u> , 15(3):248-256 (1997).	
541	CRIBBS et al., "All-D-Erantiomers of Beta-Amyloid Exhibit Similar Biological Properties to All-L-Beta-Amyloids," <u>J. Biol. Chem.</u> , 272:7431-7436 (1997).	
293	DALY, et al., "Detection of the membrane-retained carboxy-terminal tail containing polypeptides of the amyloid precursor protein in tissue from Alzheimer's Disease brain," <u>Life Sci.</u> , 63:2121-2131 (1998).	
412	DAS et al., "Amyloid- $\beta$ Immunization Effectively Reduces Amyloid Deposition in FcR $\gamma$ Knock-Out-Mice," <u>J. Neuroscience</u> , 23(24):8532-8538 (2003).	

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 18 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

836	DAS et al., "Reduced effectiveness of A $\beta$ -42 immunization in APP transgenic mice with significant amyloid deposition," <u>Neurobiology of Aging</u> , 22:721-727 (2001).
769	DAVIS, S. S., "Nasal Vaccines," <u>Advanced Drug Delivery Reviews</u> , 51:21-42 (2001).
689	DE LUSTIG et al., "Peripheral Markers and Diagnostic Criteria in Alzheimer's Disease: Critical Evaluations," <u>Rev. In Neurosciences</u> , 5:213-225 (1994).
469	DEMATTO et al., "Peripheral anti-A $\beta$ antibody alters CNS and plasma clearance and decreases A $\beta$ burden in a mouse model of Alzheimer's disease," <u>PNAS</u> , 98(15):8850-8855 (2001).
214	DEMATTO et al., "Peripheral Anti A $\beta$ Antibody Alters CNS And Plasma A $\beta$ Clearance and Decreases Brain A $\beta$ Burden in a Mouse Model of Alzheimer's Disease," <u>PNAS early edition</u> , 10.1073/pnas.151261398 (2001).
493	DEMATTO et al., "Plaque-associated disruption of CSF and plasma amyloid- $\beta$ (A $\beta$ ) equilibrium in a mouse model of Alzheimer's disease," <u>J. Neurochem.</u> , 81:229-236 (2002).
594	DEMATTO et al., "Brain to plasma amyloid- $\beta$ efflux: a measure of brain amyloid burden in a mouse model of Alzheimer's disease," <u>Science</u> , 295(5563):2264-2267 (2002).
745	DEWITT et al., "Astrocytes regulate microglial phagocytosis of senile plaque cores of Alzheimer's disease," <u>Experimental Neurology</u> , 149:329-340 (1998).
220	Dialog/Derwent, Abstract of WPI Acc No: 1997-054436/199706: Stable vaccine compsns. - comprise a macrocyclic lactone, a milbemycin, an avermectin, an antigen, a dispersing agent, an adjuvant, a water sol. organic solvent and saline or water, Derwent File 351: Derwent WPI database. (Publication date unknown.)
486	DICKEY et al., "Duration and specificity of humoral immune responses in mice vaccinated with the Alzheimer's disease-associated $\beta$ -amyloid 1-42 peptide," <u>DNA and Cell Biology</u> , 20(11):723-729 (2001).
436	DICKSON et al., "Neuroimmunology of Alzheimer's disease: a conference report," <u>Neurobiology of Aging</u> , 13(6):793-798 (1992), abstract only
698	Dictionary.com definition of "prophylactic", pages 1-3 downloaded from internet 10/12/05.
735	DI MARTINO et al., "Production and Characterization of Antibodies to Mouse Scrapie-Amyloid Protein Elicited by Non-carrier Linked Synthetic Peptide Immunogens," <u>J. Molecular Recognition</u> , 4(2-3):85-91 (1991).

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 19 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

390	DIOMEDE et al., "Activation effects of a prion protein fragment [PrP-(106-126)] on human leucocytes," <u>Biochem. J.</u> , 320:563-570 (1996).	
363	DODART, "Immunotherapy for Alzheimer's disease: will vaccination work?," <u>Trends in Molecular Medicine</u> , 9(3):85-87 (2003).	
595	DODART et al., "Immunization reverses memory deficits without reducing brain A $\beta$ burden in Alzheimer's disease model," <u>Nat. Neurosci.</u> , 5(5):452-457 (2002).	
596	DODEL et al., "Immunotherapy for Alzheimer's disease," <u>Lancet Neurol.</u> , 2(4):215-220 (2003).	
422	DOERKS et al., "Protein annotation: detective work for function prediction," <u>Trends in Genetics</u> , 14(6):248-250 (1998).	
597	DOVEY et al., "Functional gamma-secretase inhibitors reduce beta-amyloid peptide levels in brain," <u>J. Neurochem.</u> , 76(1):173-181 (2001).	
318	DU et al., "Reduced levels of amyloid beta-peptide antibody in Alzheimer disease," <u>Neurology</u> , 57(5):801-5 (2001).	
817	DU et al., " $\alpha_2$ -Macroglobulin as a $\beta$ -Amyloid Peptide-Binding Plasma Protein," <u>J. Neurochemistry</u> , 69(1):299-305 (1997).	
103	DUFF et al., "Mouse model made," <u>Nature</u> , 373:476-477 (1995).	
598	DUFF et al., "Increased amyloid- $\beta$ 42(43) in brains of mice expressing mutant presenilin 1," <u>Nature</u> , 383(6602):710-713 (1996).	
288	DUMERY et al., " $\beta$ -Amyloid protein aggregation: its implication in the physiopathology of Alzheimer's disease," <u>Pathol. Biol.</u> , 49:72-85 (2001).	
407	ECK et al., <i>Goodman and Gilman's The pharmacological basis of therapeutics</i> , Chapter 5, pages 77-101 (1996).	
475	EL-AGNAF et al., "The influence of the central region containing residues 19-25 on the aggregation properties and secondary structure of Alzheimer's beta-amyloid peptide," <u>Eur. J. Biochem.</u> , 256(3):560-569 (1998).	
225	Elan, "Elan and AHP Provide an Update on the Phase 2A Clinical Trial of AN-1792," Press Release. (1/18/2002).	

Examiner -  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60965517





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 20 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

226	Elan, "Elan and Wyeth Provide Update on Status of Alzheimer's Collaboration," Press Release (3/1/2002).	
104	ELIZAN et al., "Antineurofilament antibodies in a postencephalitic and idiopathic Parkinson's disease," <u>J. Neurol. Sciences</u> , 59:341-347 (1983).	
599	ERIKSEN et al., "NSAIDs and enantiomers of flurbiprofen target $\gamma$ -secretase and lower A $\beta$ 42 in vivo," <u>J. Clin. Invest.</u> , 112(3):440-449 (2003).	
289	ESIRI, "Is an effective immune intervention for Alzheimer's disease in prospect?", <u>Trends in Pharm. Sci.</u> , 22:2-3 (2001).	
501	ESLER et al., "Point substitution in the central hydrophobic cluster of a human $\beta$ -amyloid congener disrupts peptide folding and abolishes plaque competence," <u>Biochemistry</u> , 35:13914-13921 (1996).	
811	European Search Report of 5/22/06 for European Application 06075704.4-2107.	
812	European Search REport of 5/22/06 for European Application 06075479.3-2107.	
105	FELSENSTEIN et al., "Processing of the $\beta$ -amyloid precursor protein carrying the familial, Dutch-type, and a novel recombinant C-terminal mutation," <u>Neuroscience Letters</u> , 152:185-189 (1993).	
328	FELSENSTEIN et al., "Transgenic Rat and In-Vitro Studies of B-Amyloid Precursor Protein Processing," <u>Alzheimer's and Parkinson's Diseases</u> , Hanin et al. Ed., pp 401-409, Plenum Press, New York, (1995).	
106	FINCH et al., "Evolutionary Perspectives on Amyloid and Inflammatory Features of Alzheimer Disease," <u>Neurobiology of Aging</u> , 17(5):809-815 (1996).	
539	FINDEIS et al., "Modified peptide inhibitors of amyloid B-peptide polymerization," <u>Biochemistry</u> , 38:6791-6800 (1999).	
600	FINDEIS, M. A., "Approaches to discovery and characterization of inhibitors of amyloid $\beta$ -peptide polymerization," <u>Biochem. Biophys. Acta</u> , 1502(1):76-84 (2000).	
107	FISHER et al., "Expression of the amyloid precursor protein gene in mouse oocytes and embryos," <u>PNAS</u> , 88:1779-1782 (1991).	
108	FLANDERS et al., "Altered expression of transforming growth factor- $\beta$ in Alzheimer's disease," <u>Neurology</u> , 45:1561-1569 (1995).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 21 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

464	FLOOD et al., "An amyloid $\beta$ -Protein fragment, A $\beta$ [12-28J, equipotently impairs post-training memory processing when injected into different limbic system structures," <u>Brain Res</u> , 663(2):271-276 (1994).	
538	FLOOD, et al., "Topography of a binding site for small amnesic peptides deduced from structure-activity studies: Relation to amnesic effect of amyloid B protein," <u>PNAS</u> , 91:380-384 (1994).	
423	FONSECA et al., "The Presence of Isoaspartic Acid in $\beta$ -Amyloid Plaques Indicates Plaque Age," <u>Experimental Neurology</u> , 157(2):277-288 (1999).	
650	FOOTE et al., "Antibody Framework Residues Affecting the Conformation of the Hypervariable Loops," <u>J. Mol. Biol.</u> , 224:487-499 (1992).	
830	FOX et al., "Presymptomatic cognitive deficits in individuals at risk of familial Alzheimer's disease," <u>Brain</u> , 121:1631-1639 (1998).	
386	FRAUTSCHY et al., "Effects of injected Alzheimer $\beta$ -amyloid cores in rat brain," <u>PNAS</u> , 88:8362-8366 (1991).	
565	FRAZER et al., "Immunoglobulins: Structure and Function," chapter 3, pages 37-74 from <i>Fundamental Immunology</i> , fourth edition, W.E. Paul, eds., Lippincott-Raven publishers, Philadelphia (1999).	
246	FRENKEL et al., "Generation of auto-antibodies towards Alzheimer's disease vaccination," <u>Vaccine</u> , 19:2615-2619 (2001).	
247	FRENKEL et al., "Immunization against Alzheimer's $\beta$ -amyloid plaques via EFRH phage administration," <u>PNAS</u> , 97:11455-11459 (2000).	
248	FRENKEL et al., "N-terminal EFRH sequence of Alzheimer's $\beta$ -amyloid peptide represents the epitope of its anti-aggregating antibodies," <u>J. of Neuroimmunology</u> , 88:85-90 (1998).	
244	FRENKEL, et al., "Modulation of Alzheimer's $\beta$ -amyloid neurotoxicity by site-directed single chain antibody," <u>J. of Neuroimmunology</u> , 106:23-31 (2000).	
601	FRENKEL et al., "Reduction of $\beta$ -amyloid plaques in brain of transgenic mouse model of Alzheimer's disease by EFRH-phage immunization," <u>Vaccine</u> , 21(11-12):1060-1065 (2003).	
602	FRENKEL et al., "Towards Alzheimer's $\beta$ -amyloid vaccination," <u>Biologicals</u> , 29(3-4):243-247 (2001).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 22 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

210	FRIEDLAND et al., "Development of an anti-A $\beta$ monoclonal antibody for in vivo imaging of amyloid angiopathy in Alzheimer's disease," <u>Mol. Neurology</u> , 9:107-113 (1994).	
249	FRIEDLAND, et al., "Neuroimaging of Vessel Amyloid in Alzheimer's Disease," in <i>Cerebrovascular Pathology in Alzheimer's Disease</i> , eds. de la Torre and Hachinski, New York Academy of Sciences, New York, New York (1997).	
831	FUKUTANI et al., "Cerebeller pathology in sporadic and familial Alzheimer's disease including APP 717 (Val->Ile) mutation cases: A morphometric investigation," <u>J. Neurologic Sci.</u> , 149:177-184 (1997).	
364	FURLAN et al., "Vaccination with amyloid- $\beta$ peptide induces autoimmune encephalomyelitis in C57/BL6 mice," <u>Brain</u> , 126:285-291 (2003).	
109	GAMES et al., "Alzheimer-type neuropathology in transgenic mice overexpressing V717F $\beta$ -amyloid precursor protein," <u>Nature</u> , 373(6514):523-527 (1995).	
215	GAMES et al., "Prevention and Reduction of AD-type Pathology in PDAPP Mice Immunized with A $\beta$ <sub>1-42</sub> ," <u>Annals of the New York Academy of Science</u> , 920:274-284 (2000).	
110	GANDY et al., "Amyloidogenesis in Alzheimer's disease: some possible therapeutic opportunities," <u>TIPS</u> , 13:108-113 (1992).	
251	GARDELLA et al., "Intact Alzheimer amyloid precursor protein (APP) is present in platelet membranes and is encoded by platelet mRNA," <u>Biochem. Biophys. Res. Comm.</u> , 173:1292-1298 (1990).	
111	GASKIN et al., "Human antibodies reactive with beta-amyloid protein in Alzheimer's disease," <u>J. Exp. Med.</u> , 177:1181-1186 (1993).	
252	GEDDES, "N-terminus truncated $\beta$ -amyloid peptides and C-terminus truncated secreted forms of amyloid precursor protein: distinct roles in the pathogenesis of Alzheimer's disease," <u>Neurobiology of Aging</u> , 20:75-79 (1999).	
603	GELINAS et al., "Immunotherapy for Alzheimer's disease," <u>PNAS</u> , 101(suppl. 2):14657-14662 (2004).	
634	Genbank Accession number AAB48800, "Anti-DNA immunoglobulin light chain IgG [Mus musculus]," 09/14/01.	
635	Genbank Accession number CAA46659, "IgE antibody light chain(VJ)," 06/15/93.	

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 23 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

636	Genbank Accession number X65775.1, "M.musculus DNA for IgE antibody light chain (VJ)," 06/15/93.
637	Genbank Accession number AAD26773, "Immunoglobulin heavy chain VH3609-JH3 region [Mus musculus]," 04/22/99.
463	GHISO et al., "Epitope map of two polyclonal antibodies that recognize amyloid lesions in patients with Alzheimer's disease," <u>Biochem. J.</u> , 282 (Pt 2):517-522 (1992).
470	GIULIAN et al., "Specific domains of $\beta$ -amyloid from Alzheimer plaque elicit neuron killing in human microglia," <u>J Neurosci.</u> , 16 (19):6021-6037 (1996).
253	GIULIAN, et al., "The HHQK Domain of b-Amyloid Provides a Structural Basis for the Immunopathology of Alzheimer's Disease," <u>J. Biol. Chem.</u> , 273:29719-29726 (1998).
112	GLENN et al., "Skin immunization made possible by cholera toxin," <u>Nature</u> , 391:851 (1998).
114	GLENNER et al., "Alzheimer's Disease and Downs Syndrome: Sharing of A Unique Cerebrovascular Amyloid Fibril Protein," <u>Biochem. Biophys. Res. Comm.</u> , 122(3): 1131-1135 (1984).
113	GLENNER et al., "Alzheimer's Disease: Initial Report of the Purification and Characterization of a Novel Cerebrovascular Amyloid Protein," <u>Biochem. Biophys. Res. Comm.</u> , 120(3): 885-890 (1994).
115	GOATE et al., "Segregation of a missense mutation in the amyloid precursor protein gene with familial Alzheimer's disease," <u>Nature</u> , 349:704-706 (1991).
388	GOLDFARB et al., "The Transmissible Spongiform Encephalopathies," <u>Ann. Rev. Med.</u> , 46:57-65 (1995).
424	GOLDSBY et al., "Vaccines," Chapter 18 from <i>Immunology</i> , 4th Edition, W.H. Freeman and Company, New York, pages 449-465 (2000).
397	GOLDSTEINS et al., "Goldsteins et al., Exposure of cryptic epitopes on transthyretin only in amypoid and in amyloidogenic mutants," <u>PNAS</u> , 96:3108-3113 (1999).
604	GONG et al., "Alzheimer's disease-affected brain: presence of oligomeric A $\beta$ ligands (ADDLs) suggests a molecular basis for reversible memory loss," <u>PNAS</u> , 100(18):10417-10422 (2003).

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517



Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 24 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

303	GONZALES-FERNANDEZ et al., "Low antigen dose favors selection of somatic mutants with hallmarks of antibody affinity maturation," <u>Immunology</u> , 93:149-153 (1998).
503	GOREVIC et al., "Ten to fourteen residue peptides of Alzheimer's disease protein are sufficient for amyloid fibril formation and its characteristic X ray diffraction pattern" <u>Biochem. and Biophys. Res. Commun.</u> , 147(2):854-862 (1987).
237	GORTNER, <i>Outlines of Biochemistry</i> , pp. 322-323, John Wiley & Sons, Inc., New York (1949).
116	GOZES et al., "Neuroprotective strategy for Alzheimer disease: Intranasal administration of a fatty neuropeptide," <u>PNAS</u> , 93:427-432 (1996).
190	GRAVINA et al., "Amyloid $\beta$ Protein ( $A\beta$ ) in Alzheimer's Disease," <u>J. Biol. Chem.</u> , 270(13):7013-7016 (1995).
605	GREENBERG et al., "Alzheimer disease's double-edged vaccine," <u>Nat. Med.</u> , 9(4):389-390 (2003).
254	GRUBECK-LOEBENSTEIN, et al., "Immunization with $\beta$ -amyloid: could T-cell activation have a harmful effect?," <u>TINS</u> , 23:114 (2000).
694	GUPTA et al., "Adjuvants for human vaccines---current status, problems, and future prospects," <u>Vaccine</u> , 13(14):1263-1275 (1995).
117	GUPTA et al., "Differences in the immunogenicity of native and formalized cross reacting material (CRM197) of diphtheria toxin in mice and guinea pigs and their implications on the development and control of diphtheria vaccine based on CRMs," <u>Vaccine</u> , 15(12/13): 1341-1343 (1997).
241	HAASS et al. "Amyloid beta-peptide is produced by cultured cells during normal metabolism," <u>Nature</u> , 359(6393):322-325 (1992).
487	HAASS et al., "Protofibrils, the unifying toxic molecule of neurodegenerative disorders?," <u>Nature Neuroscience</u> , 4(9):859-860 (2001).
606	HAASS, C., "New hope for Alzheimer disease vaccine," <u>Nat Med.</u> , 8(11):1195-1196 (2002).
118	HAGA et al., "Synthetic Alzheimer amyloid $\beta/A4$ peptides enhance production of complement C3 component by cultured microglial cells," <u>Brain Research</u> , 601:88-94 (1993).

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 25 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

182	HANAN and SOLOMON, "Inhibitory effect of monoclonal antibodies on Alzheimer's $\beta$ -amyloid peptide aggregation," <u>Int. J. Exp. Clin. Invest.</u> , 3:130-133 (1996).	
119	HANES et al., "New advances in microsphere-based single-dose vaccines," <u>Advanced Drug Delivery Reviews</u> , 28: 97-119 (1997).	
807	HARA et al., "Development of a safe oral A $\beta$ vaccine using recombinant adeno-associated virus vector for Alzheimer's disease," <u>J. Alzheimer's Disease</u> , 6:483-488 (2004).	
120	HARDY, "Amyloid, the presenilins and Alzheimer's disease," <u>TINS</u> , 20(4): 154-159 (1997).	
121	HARDY, John, "New Insights into the Genetics of Alzheimer's Disease," <u>Annals of Med.</u> , 28:255-258 (1996).	
255	HARIGAYA, et al., "Modified amyloid $\beta$ protein ending at 42 or 40 with different solubility accumulates in the brain of Alzheimer's disease," <u>Biochem. Biophys. Res. Comm.</u> , 211:1015-1022 (1995).	
664	HARLOW et al., eds., <u>Antibodies: A Laboratory Manual</u> , pages 71-82 (1998).	
193	HARRINGTON et al., "Characterization of an epitope specific to the neuron-specific isoform of human enolase recognized by a monoclonal antibody raised against a synthetic peptide corresponding to the C-terminus of $\beta$ / A4-protein," <u>Biochimica Biophysica Acta</u> , 1158:120-128 (1993).	
229	HAZAMA, et al., "Intranasal Immunization Against Herpes Simplex Virus Infection by Using a Recombinant Glycoprotein D Fused With Immunomodulating Proteins, the B Subunit of Escherichia Coli Heat-Labile Enterotoxin and Interleukin-2," <u>Immunology</u> , 78:643-649 (1993).	
476	HE et al., "Humanization and pharmacokinetics of a monoclonal antibody with specificity for both E- and P- selectin," <u>J. Immunol.</u> , 160:1029-1035 (1998).	
177	HELMUTH, "Further Progress on a $\beta$ -Amyloid Vaccine," <u>Science</u> , 289:375 (2000).	
559	HERLYN et al., "Monoclonal antibodies in cell-mediated cytotoxicity against human melanoma and colorectal carcinoma*," <u>Eur. J. Immunol.</u> , 9:657-659 (1979).	
473	HILBICH et al., "Aggregation and secondary structure of synthetic amyloid $\beta$ A4 peptides of Alzheimer's disease," <u>J. Mol. Biol.</u> , 218:149-163 (1991).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 26

of

49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

471	HILBICH et al., "Substitutions of hydrophobic amino acid reduce the amyloidogenicity of Alzheimer's disease $\beta$ A4 peptides" <u>J. Mol. Biol.</u> , 228:460-473 (1992).	
236	HILBICH et al., "Human and rodent sequence analogs of Alzheimer's amyloid $\beta$ A4 share similar properties and can be solubilized in buffers of pH 7.4," <u>Eur. J. Biochem.</u> , 201:61-69 (1991).	
741	HIRSCHFIELD et al., "Amyloidosis: new strategies for treatment," <u>Int. J. Biochem. &amp; Cell Biol.</u> , 35:1608-1613 (2003).	
534	HOCK et al., "Antibodies against $\beta$ -Amyloid Slow Cognitive Decline in Alzheimer's Disease," <u>Neuron</u> , 38:542-554 (2003).	
607	HOCK et al., "Generation of antibodies specific for $\beta$ -amyloid by vaccination of patients with Alzheimer disease," <u>Nat. Med.</u> , 8(11):1270-1275 (2002).	
413	HOLTZMAN et al., "A $\beta$ immunization and anti-A $\beta$ antibodies: potential therapies for the prevention and treatment of Alzheimer's disease," <u>Advanced Drug Delivery Reviews</u> , 54:1603-1613 (2002).	
122	HSIAO et al., "Correlative Memory Deficits, A $\beta$ Elevation, and Amyloid Plaques in Transgenic Mice," <u>Science</u> , 274: 99-102 (1996).	
123	HUBERMAN et al., "Correlation of cytokine secretion by mononuclear cells of Alzheimer's patients and their disease stage," <u>J. Neuroimmunology</u> , 52:147-152 (1994).	
174	Human Immunology & Cancer Program brochure, from The University of Tennessee Medical Center/ Graduate School of Medicine, Knoxville, Tennessee (publication date unknown).	
124	HYMAN et al., "Molecular Epidemiology of Alzheimer's Disease," <u>N. E. J. Medicine</u> , 333(19):1283-1284 (1995).	
662	IDA et al., "Analysis of Heterogeneous $\beta$ A4 Peptides in Human Cerebrospinal Fluid and Blood by a Newly Developed Sensitive Western Blot Assay," <u>J. Biol. Chem.</u> , 271(37):22908-22914 (1996).	
256	IKEDA, et al., "Immunogold labeling of cerebrovascular and neuritic plaque amyloid fibrils in Alzheimer's disease with an anti- $\beta$ protein monoclonal antibody," <u>Lab. Invest.</u> , 57:446-449 (1987).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

27

of

49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

546	IRIZARRY et al., "A $\beta$ Deposition Is Associated with Neuropil Changes, but not with Overt Neuronal Loss in the Human Amyloid Precursor Protein V717F (PDAPP) Transgenic Mouse," <u>J. Neuroscience</u> , 17(18):7053-7059 (1997).	
608	IRIZARRY et al., "Alzheimer disease therapeutics," <u>J. Neuropathol. Exp. Neurol.</u> , 60(10):923-928 (2001).	
125	ITAGAKI et al., "Relationship of microglia and astrocytes to amyloid deposits of Alzheimer's disease," <u>J. Neuroimmunology</u> , 24:173-182 (1989).	
192	IWATSUBO et al., "Visualization of A $\beta$ 42(43) and A $\beta$ 40 in Senile Plaques with End-Specific A $\beta$ Monoclonals: Evidence That an Initially Deposited Species Is A $\beta$ 42(43)," <u>Neuron</u> , 13:45-53 (1994).	
560	JAHRLING et al., "Opsonization of Alphaviruses in Hamsters," <u>J. Medical Virology</u> , 12:1-16 (1983).	
374	JAKES et al., "Characterisation of an Antibody Relevant to the Neuropathology of Alzheimer Disease," <u>Alzheimer Disease and Associated Disorders</u> , 9(1):47-51 (1995).	
126	JANSEN et al., "Immunotoxins: Hybrid Molecules Combining High Specificity and Potent Cytotoxicity," <u>Immun. Rev.</u> , 62: 185-216 (1982).	
308	JANUS et al., "A beta peptide immunization reduces behavioural impairment and plaques in a model of Alzheimer's disease," <u>Nature</u> , 408(6815):979-982 (2000).	
609	JANUS et al., "Transgenic mouse models of Alzheimer's Disease," <u>Physiol. Behav.</u> , 73(5):873-886 (2001).	
257	JEN, et al., "Preparation and purification of antisera against different regions or isoforms of b-amyloid precursor protein," <u>Brain Research Protocols</u> , 2:23-30 (1997).	
216	JOACHIM et al., "Antibodies to Non-beta Regions of the Beta-amyloid Precursor Protein Detect a Subset of Senile Plaques," <u>Am. J. of Pathology</u> , 138:373-384 (1991).	
334	JOBLING et al., "Analysis of structure and function of the B subunit of cholera toxin by the use of site-directed mutagenesis," <u>Molecular Microbiology</u> , 5(7):1755-1767 (1991).	
449	JOHNSON-WOOD et al., "Amyloid precursor protein processing and A $\beta$ <sub>42</sub> deposition in a transgenic mouse model of Alzheimer disease," <u>PNAS</u> , 94:1550-1555 (1997).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 28 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

371	JOHNSTONE et al., Nuclear and Cytoplasmic Localization of the $\beta$ -Amyloid Peptide (1-43) in Transfected 293 Cells," <u>Biochem. Biophys. Res. Comm.</u> , 220:710-718 (1996).	
347	JORBECK et al., "Artificial <i>Salmonella</i> Vaccines: <i>Salmonella typhimurium</i> O-antigen-Specific Oligosaccharide-Protein Conjugates Elicit Opsonizing Antibodies that Enhance Phagocytosis," <u>Infection and Immunity</u> , 32(2):497-502 (1981).	
640	JUNG et al., "Alzheimer's Beta-amyloid Precursor Protein Is Expressed on the Surface of Immediately Ex Vivo Brain Cells: a Flow Cytometric Study," <u>J. Neurosci. Res.</u> , 46(3):336-348 (1996).	
792	KAJKOWSKI et al., " $\beta$ -Amyloid Peptide-induced Apoptosis Regulated by a Novel Protein Containing a G Protein Activation Module," <u>J. Biol. Chem.</u> , 276(22):18748-18756 (2001).	
127	KALARIA, R. N., "Serum amyloid P and related molecules associated with the acute-phase response in Alzheimer's disease," <u>Res. Immunology</u> , 143:637-641 (1992).	
834	KALBACK et al., "APP Transgenic Mice Tg2576 Accumulate A $\beta$ Peptides That Are Distinct from the Chemically Modified and Insoluble Peptides Deposited in Alzheimer's Disease Senile Plaques," <u>Biochemistry</u> , 41:922-928 (2002).	
729	KASCSAK et al., "Mouse Polyclonal and Monoclonal Antibody to Scrapie-Associated Fibril Proteins," <u>J. Virology</u> , 61(12):3688-3693 (1987).	
183	KATZAV-GOZANSKY et al., "Effect of monoclonal antibodies in preventing carboxypeptidase A aggregation," <u>Biotechnol. Appl. Biochem.</u> , 23:227-230 (1996).	
128	KAWABATA et al., "Amyloid plaques, neurofibrillary tangles and neuronal loss in brains of transgenic mice overexpressing a C-terminal fragment of human amyloid precursor protein," <u>Nature</u> , 354:476-478 (1991).	
547	KAYED et al., "Conformational Transitions of Islet Amyloid Polypeptide (IAPP) in Amyloid Formation <i>In Vitro</i> ," <u>J. Mol. Biol.</u> , 287:781-796 (1999).	
434	KELLY, J. W., "Alternative conformations of amyloidogenic proteins govern their behavior," <u>Current Opinion in Structural Biology</u> , 6:11-17 (1996).	
554	KETTLEBOROUGH et al., "Humanization of a mouse monoclonal antibody by CDR-grafting: the importance of framework residues on loop conformation," <u>Protein Engineering</u> , 4(7):773-783 (1991).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60965517





Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 29 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

258	KIDA, et al., "Early amyloid- $\beta$ deposits show different immunoreactivity to the amino- and carboxy-terminal regions of b-peptide in Alzheimer's disease and Down's syndrome brain," <u>Neuroscience Letters</u> , 193:105-108 (1995).	
488	KLEIN et al., "Targeting small A $\beta$ oligomers: the solution to an Alzheimer's disease conundrum?," <u>Trends in Neurosciences</u> , 24(4):219-224 (2001).	
628	KOFLER et al., "Mechanism of Allergic Cross-Reactions--III. cDNA Cloning and Variable-Region Sequence Analysis of Two IgE Antibodies Specific for Trinitrophenyl," <u>Mol. Immunology</u> , 29(2):161-166 (1992).	
794	KOFLER et al., "Immunoglobulin $\kappa$ Light Chain Variable Region Gene Complex Organization and Immunoglobulin Genes Encoding Anti-DNA Autoantibodies in Lupus Mice," <u>J. Clin. Invest.</u> , 82:852-860 (1988).	
195	KONIG et al., "Development and Characterization of a Monoclonal Antibody 369.2B Specific for the Carboxyl-Terminus of the $\beta$ A4 Peptide," <u>Annals of NY Acad. Sci.</u> , 777:344-355 (1996).	
494	KOTILINEK et al., "Reversible memory loss in a mouse transgenic model of Alzheimer's disease," <u>J. Neurosci.</u> , 22(15):6331-6335 (2002).	
465	KOUDINOV et al., "The soluble form of Alzheimer's amyloid beta protein is complexed to high density lipoprotein 3 and very high density lipoprotein in normal human plasma," <u>Biochem. &amp; Biophys. Res. Comm.</u> , 205:1164-1171 (1994).	
389	KOVÁCS et al., "Mutations of the Prion Protein Gene Phenotypic Spectrum," <u>J. Neurol.</u> , 249:1567-1582 (2002).	
627	KRISHNAN et al., "Correlation Between the Amino Acid Position of Arginine in VH-CDR3 and Specificity for Native DNA Among Autoimmune Antibodies <sup>1,2</sup> ," <u>J. Immunol.</u> , 157(6):2430-2439 (1996).	
826	KUBY, J., eds., page 123 from <i>Immunology, Third Edition</i> , W.H. Freeman & co., (1997).	
478	KUO et al., "High levels of circulating Abeta42 are sequestered by plasma proteins in Alzheimer's disease," <u>Biochem. Biophys. Res. Comm.</u> , 257(3):787-791 (1999).	
695	KUO et al., "Water-soluble A $\beta$ (N-40, N-42) Oligomers in Normal and Alzheimer Disease Brains," <u>J. Biol. Chem.</u> , 271(8):4077-4081 (1996).	
833	KUO et al., "Comparative Analysis of Amyloid- $\beta$ Chemical Structure and Amyloid Plaque Morphology of Transgenic Mouse and Alzheimer's Disease Brains," <u>J. Biol. Chem.</u> , 276(16):12991-12998 (2001).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517







Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 30 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

734	KURASHIMA et al., "Production of Monoclonal Antibody against Amyloid Fibril Protein and Its Immunohistochemical Application," <u>Appl. Pathol.</u> , 3(1-2):39-54 (1985).	
816	LaDu et al., "Isoform-specific Binding of Apolipoprotein E to $\beta$ -Amyloid," <u>J. Biol. Chem.</u> , 269(38):23403-23406 (1994).	
477	LAMBERT et al., "Diffusible, nonfibrillar ligands derived from A $\beta$ 1-42 are potent central nervous system neurotoxins," <u>PNAS</u> , 95:6448-6453 (1998).	
489	LAMBERT et al., "Vaccination with soluble A $\beta$ oligomers generates toxicity-neutralizing antibodies," <u>J. Neurochem.</u> , 79:595-605 (2001).	
129	LAMPERT-ETCHELLS et al., "Regional Localization of Cells Containing Complement C1q and C4 mRNAs in the Frontal Cortex During Alzheimer's Disease," <u>Neurodegeneration</u> , 2:111-121 (1993).	
651	LANDOLFI et al., "The Integrity of the Ball-and Socket Joint Between V and C Domains Is Essential for Complete Activity of a Humanized Antibody," <u>J. Immunology</u> , 166(3):1748-1754 (2001).	
130	LANGER, "New Methods of Drug Delivery," <u>Science</u> , 249:1527-1532 (1990).	
131	LANNFELT et al., "Alzheimer's disease: molecular genetics and transgenic animal models," <u>Behavioural Brain Res.</u> , 57:207-213 (1993).	
259	LANSBURY, PETER T., "Inhibition of amyloid formation: a strategy to delay the onset of Alzheimer's disease," <u>Curr. Ops. in Chemical Biology</u> , 1:260-267 (1997).	
755	LAVIE et al., "EFRH-Phage Immunization of Alzheimer's Disease Animal Model Improves Behavioral Performance in Morris Water Maze Trials," <u>J. Molecular Neuroscience</u> , 24:105-113 (2004).	
490	LEE et al., "A $\beta$ immunization: Moving A $\beta$ peptide from brain to blood," <u>PNAS</u> , 98(16):8931-8932 (2001).	
132	LEMERE et al., "Mucosal Administration of A $\beta$ Peptide Decreases Cerebral Amyloid Burden In Pd-App Transgenic Mice," <u>Society for Neuroscience Abstracts</u> , 25(part 1), Abstract 519.6, 29th Annual Meeting, (October 23-28, 1999).	
260	LEMERE, et al., "Nasal A $\beta$ treatment induces anti-A $\beta$ antibody production and decreases cerebral amyloid burden in PD-APP mice," <u>Annals of the NY Acad. Sci.</u> , 920:328-331 (2000).	
553	LEMERE et al., "Intranasal immunotherapy for the treatment of Alzheimer's disease: <i>Escherichia coli</i> LT and LT(R192G) as mucosal adjuvants," <u>Neurobiology of Aging</u> , 23(6):991-1000 (2002).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 31 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

551	LEVERONE et al., "A $\beta$ 1-15 is less immunogenic than A $\beta$ 1-40/42 for intranasal immunization of wild-type mice but may be effective for 'boosting,'" <u>Vaccine</u> , 21:2197-2206 (2003).	
459	LEVITT, M., "Molecular dynamics of native protein," <u>J. Mol. Biol.</u> , 168:595-620 (1983).	
481	LEVEY, A. I., "Immunization for Alzheimer's disease: A shot in the arm or a whiff?," <u>Ann. Neurology</u> , 48(4):553-555 (2000).	
184	LI et al., "Thermal Stabilization of Carboxypeptidase A as a Function of PH and Ionic Milieu," <u>Biochem. Mol. Biol. Int.</u> , 43(3):601-611 (1997).	
743	LICASTRO et al., "Is immunotherapy an effective treatment for Alzheimer's disease?," <u>Immunity &amp; Aging</u> , 1:1-2 (2004).	
727	LINKE, "Monoclonal antibodies against amyloid fibril protein AA. Production, specificity, and use for immunohistochemical localization and classification of AA-type amyloidosis," <u>J. Histochemistry and Cytochemistry</u> , 32(3):322-328 (1982).	
133	LIVINGSTON et al., "The Hepatitis B Virus-Specific CTL Responses Induced in Humans by Lipopeptide Vaccination Are Comparable to Those Elicited by Acute Viral Infection," <u>J. Immunol.</u> , 159:1383-1392 (1997).	
665	LO et al., "High level expression and secretion of Fc-X fusion proteins in mammalian cells," <u>Protein Engineering</u> , 11(6):495-500 (1998).	
134	LOPEZ et al., "Serum auto-antibodies in Alzheimer's disease," <u>Acta. Neurol. Scand.</u> , 84:441-444 (1991).	
499	LUE et al., "Soluble $\beta$ -amyloid Peptide Concentration as a Predictor of Synaptic Change in Alzheimer's Disease," <u>Am. J. Pathol.</u> , 155:853-862 (1999).	
502	MAGGIO et al., "Brain Amyloid - A Physicochemical Perspective," <u>Brain Pathology</u> , 6:147-162 (1996).	
218	MAJOCHA et al., "Development of a Monoclonal Antibody Specific for $\beta$ /A4 Amyloid in Alzheimer's Disease Brain for Application to In Vitro Imaging of Amyloid Angiopathy," <u>The J. of Nuclear Med.</u> , 33:2184-2189 (1992).	
261	MAK, et al., "Polyclonals to b-amyloid (1-42) identify most plaque and vascular deposits in Alzheimer cortex, but not striatum," <u>Brain Research</u> , 667:138-142 (1994).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 32 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

263	MANN, et al., "Amyloid $\beta$ protein ( $A\beta$ ) deposition in chromosome 14-linked Alzheimer's disease: Predominance of $A\beta_{42(43)}$ ," <u>Annals of Neurology</u> , 40:149-156 (1996).	
262	MANN, et al., "The extent of amyloid deposition in brain in patients with Down's syndrome does not depend upon the apolipoprotein E genotype," <u>Neuroscience Letters</u> , 196:105-108 (1995).	
666	MANDEL et al., "Clinical trials in neurological disorders using AAV vectors: promises and challenges," <u>Curr. Opin. Mol. Ther.</u> , 6(5):482-490 (2004).	
742	MANOJ et al., "Approaches to Enhance the Efficacy of DNA Vaccines," <u>Critical Rev. Clin. Lab. Sci.</u> , 41(1):1-39 (2004).	
731	MARHAUG et al., "Monoclonal hybridoma antibodies to human amyloid related protein SAA," <u>Clin. Exp. Immunol.</u> , 50(2):390-396 (1982).	
744	MAROTTA et al., "Overexpression of amyloid precursor protein A4 ( $\beta$ -amyloid) immunoreactivity in genetically transformed cells: Implications for a cellular model of Alzheimer amyloidosis," <u>PNAS</u> , 86:337-341 (1989).	
408	MARSHALL, E., "Gene Therapy's Growing Pains," <u>Science</u> , 269:1050-1055 (1995).	
335	MASLIAH et al., " $\beta$ -Amyloid peptides enhance $\alpha$ -synuclein accumulation and neuronal deficits in a transgenic mouse model linking Alzheimer's disease and Parkinson's disease," <u>PNAS</u> , 98(21):12245-12250 (2001).	
545	MASLIAH et al., "Comparison of Neurodegenerative Pathology in Transgenic Mice Overexpressing V717F $\beta$ -Amyloid Precursor Protein and Alzheimer's Disease," <u>J. Neuroscience</u> , 16(18):5795-5811 (1996).	
217	MASTERS et al., "Amyloid Plaque core protein in Alzheimer Disease and Down Syndrome," <u>PNAS</u> , 82:4245-4249 (1985).	
309	MATTSON, "Cellular actions of beta-amyloid precursor protein and its soluble and fibrillogenic derivatives," <u>Physiol Rev.</u> , 77(4):1081-132 (1997).	
610	MATTSON et al., "Good and bad amyloid antibodies," <u>Science</u> , 301(5641):1845-1849 (2003).	

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517



Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 33 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

732	MAURY et al., "Immunohistochemical Localization of Amyloid in Finnish Hereditary Amyloidosis with Antibodies to Gelsolin Peptides," <u>Laboratory Investigation</u> , 64(3):400-404 (1991).	
135	MCGEE et al., "The encapsulation of a model protein in poly (D, L lactide-co-glycolide) microparticles of various sizes: an evaluation of process reproducibility," <u>J. Micro. Encap.</u> , 14(2):197-210 (1997).	
264	MCGEER, et al., "Immunohistochemical localization of beta-amyloid precursor protein sequences in Alzheimer and normal brain tissue by light and electron microscopy," <u>J. of Neuroscience Res.</u> , 31:428-442 (1992).	
611	MCLAURIN et al., "Therapeutically effective antibodies against amyloid- $\beta$ peptide target amyloid- $\beta$ residues and 4-10 and inhibit cytotoxicity and fibrillogenesis," <u>Nat Med.</u> , 8(11):1263-1269 (2002).	
479	MCLEAN et al., "Soluble pool of A $\beta$ amyloid as a determinant of severity of neurodegeneration in Alzheimer's disease," <u>Amer. Neurological Assoc.</u> , 46:860-866 (1999).	
238	MCNEAL et al., "Stimulation of local immunity and protection in mice by intramuscular immunization with triple- or double-layered rotavirus particles and QS-21," <u>Virology</u> , 243:158-166 (1998).	
136	MEDA et al., "Activation of microglial cells by $\beta$ -amyloid protein and interferon- $\gamma$ ," <u>Nature</u> , 374:647-650 (1995).	
265	MENA, et al., "Monitoring pathological assembly of tau and $\beta$ -amyloid proteins in Alzheimer's disease," <u>Acta Neuropathol.</u> , 89:50-56 (1995).	
310	MERLUZZI, et al., "Humanized antibodies as potential drugs for therapeutic use," <u>Adv Clin Path.</u> , 4(2):77-85 (2000).	
822	Merriam-Webster online medical dictionary, entry for "cure", accessed September 5, 2006.	
137	MILLER et al., "Antigen-driven Bystander Suppression after Oral Administration of Antigens," <u>J. Exp. Med.</u> , 174:791-798 (1991).	
367	MONSONEGO et al., "Immune hyporesponsiveness to amyloid $\beta$ -peptide in amyloid precursor protein transgenic mice: Implications for the pathogenesis and treatment of Alzheimer's disease," <u>PNAS</u> , 98(18):10273-10278 (2001).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 34 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

612	MONSONEGO et al., "Increased T cell reactivity to amyloid $\beta$ protein in older humans and patients with Alzheimer's disease," <u>J. Clin. Invest.</u> , 112(3):415-422 (2003).	
613	MONSONEGO et al., "Immunotherapeutic approaches to Alzheimer's disease," <u>Science</u> , 302(5646):834-838 (2003).	
311	MORGAN, et al., "A beta peptide vaccination prevents memory loss in an animal model of Alzheimer's disease," <u>Nature</u> , 408(6815):982-985 (2000).	
206	MORI et al., "Mass Spectrometry of Purified Amyloid $\beta$ Protein in Alzheimer's Disease," <u>J. Biol. Chem.</u> , 267(24):17082-17088 (1992).	
233	MORRIS, et al., "The Consortium to Establish a registry for Alzheimer's Disease (CERAD)," <u>Neurology</u> , 39:1159-1165 (1989).	
359	MUNCH et al., "Potential neurotoxic inflammatory response to A $\beta$ vaccination in humans," <u>J. Neural Transm.</u> , 109:1081-1087 (2002).	
355	MUNSON eds., <i>Principals of Pharmacology: Basic Concepts &amp; Clinical Applications</i> , pgs. 47-48, Chapman & Hall, New York, New York (1995).	
191	MURPHY et al., "Development of a Monoclonal Antibody Specific for the COOH-Terminal of $\beta$ -Amyloid 1-42 and Its Immunohistochemical Reactivity in Alzheimer's Disease and Related Disorders," <u>Am. J. Pathology</u> , 144(5):1082-1088 (1994).	
354	MUTSCHLER et al., <i>Drug Actions: Basic Principles and Therapeutic Aspects</i> pgs. 7, 11-12, Medpharm Scientific Publishers, Stuttgart, Germany (1995).	
250	NAKAMURA et al., "Histopathological studies on senile plaques and cerebral amyloid angiopathy in aged cynomolgus monkeys," <u>Exp. Anim.</u> , 43:711-718 (1995).	
268	NAKAMURA, et al., "Carboxyl end-specific monoclonal antibodies to amyloid $\beta$ protein (A $\beta$ ) subtypes (A $\beta$ 40 and A $\beta$ 42(43) differentiate Ab in senile plaques and amyloid angiopathy in brains of aged cynomolgus monkeys," <u>Neuroscience Letters</u> , 201:151-154 (1995).	
281	NAKAYAMA et al., "Histopathological studies of senile plaques and cerebral amyloidosis in cynomolgus monkeys," <u>J. of Med. Primatology</u> , 27:244-252 (1998).	
439	NALBANTOGLU, J., "Beta-amyloid protein in Alzheimer's disease," <u>Can. J. Neurol. Sci.</u> , 18(3 suppl.):424-427 (1991), abstract only	

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60965517





Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

35

of

49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

482	NASLUND et al., "Correlation between elevated levels of amyloid $\beta$ peptide in the brain and cognitive decline," <u>J. Am. Med. Assoc.</u> , 283:1571 (2000).	
138	NATHANSON et al., "Bovine Spongiform Encephalopathy (BSE): Causes and Consequences of a Common Source Epidemic," <u>Am. J. Epidemiol.</u> , 145(11):959-969 (1997).	
139	New York Times National, "Anti-Inflammatory Drugs May Impede Alzheimer's," (2/20/94).	
235	NEWCOMBE et al., "Solubility characteristics of isolated amyloid fibrils," <u>Biochim. Biophys. Acta</u> , 104:480-486 (1965).	
425	NGO et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," pages 492-495 from Chapter 14 of <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , Merz et al., eds., Birkhauser Boston (1994).	
350	NICOLL et al., "Neuropathology of human Alzheimer's disease after immunization with amyloid- $\beta$ peptide: a case report," <u>Nature Medicine</u> , 9(4):448-452 (2003).	
329	NIEMANN, "Transgenic farm animals get off the ground," <u>Transgenic Research</u> , 7:73-75 (1998).	
568	NOVOTNY et al., "Structural invariants of antigen binding: Comparison of immunoglobulin V <sub>L</sub> -V <sub>H</sub> and V <sub>L</sub> -V <sub>L</sub> domain dimmers," <u>PNAS</u> , 82:4592-4596 (1985).	
841	OKIE, S., "Promising Vaccine Targets Ravager of Minds," <u>Washington Post</u> , page A01, 5/8/01.	
808	OKURA et al., "Nonviral A $\beta$ DNA vaccine therapy against Alzheimer's disease: Long-term effect and safety," <u>PNAS</u> , 103(25):9619-9624 (2006).	
409	ORKIN et al., <i>Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy</i> , December 7, 1995	
652	ORLANDI et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," <u>PNAS</u> , 86:3833-3837 (1989).	
614	PAGANETTI et al., "Amyloid precursor protein truncated at any of the $\gamma$ -secretase sites is not cleaved to $\beta$ -amyloid," <u>J. Neurosci. Res.</u> , 46(3):283-293 (1996).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 36 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

398	PALHA et al., "Antibody recognition of amyloidogenic transthyretin variants in serum of patients with familial amyloidotic polyneuropathy," <u>J. Mol. Med.</u> , 7:703-707 (2001).	
615	PALLITTO et al., "Recognition sequence design for peptidyl modulators of $\beta$ -amyloid aggregation and toxicity," <u>Biochemistry</u> , 38(12):3570-3578 (1999).	
406	PAN et al., "Antibodies to $\beta$ -Amyloid Decrease the Blood-to-Brain Transfer of $\beta$ -Amyloid Peptide," <u>Exp. Biol. Med.</u> , 227(8):609-615 (2002).	
654	PANKA et al., "Variable region framework differences result in decreased or increased affinity of variant anti-digoxin antibodies," <u>PNAS</u> , 85:3080-3084 (1998).	
280	PARDRIDGE et al., "Chimeric peptides as a vehicle for peptide pharmaceutical delivery through the blood-brain barrier," <u>Biochem. Biophys. Res. Comm.</u> , 146:307-313 (1987).	
829	PARDRIDGE et al., "The Blood-Brain Barrier: Bottleneck in Brain Drug Development," <u>J. Am. Soc. Exp. Neurotherapeutics</u> , 2:3-14 (2005).	
140	PARESCIE et al., "Microglial cells influence aggregates of the Alzheimer's disease amyloid beta-protein via a scavenger receptor," <u>Neuron</u> , 17:553-565 (September 1996).	
682	PARNETTI et al., "Cognitive Enhancement Therapy for Alzheimer's Disease, The Way Forward," <u>Drugs</u> , 53(5):752-768 (1997).	
141	PAUL et al., "Transdermal immunization with large proteins by means of ultradeformable drug carriers," <u>Eur. J. Immunol.</u> , 25: 3521-3524 (1995).	
653	PAUL, W. E., eds., <i>Fundamental Immunology</i> , Third Edition, pages 292-295, Raven Press, New York (1993).	
564	PCT Search Report of 12/14/04 for application PCT/US04/02856	
806	PCT Search Report of 8/11/06 for application PCT/US2006/002837.	
437	PERSSON et al., "IgG subclass-associated affinity differences of specific antibodies in humans," <u>J. Immunology</u> , 140(11):3875-3879 (1988), abstract only	
336	PERUTZ et al., "Amyloid fibers are water-filled nanotubes," <u>PNAS</u> , 99(8):5591-5595 (2002).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60965517





Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 37 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

232	PETERSON, et al., "Recombinant Antibodies: Alternative Strategies for Developing and Manipulating Murine-Derived Monoclonal Antibodies," <u>Laboratory Animal Science</u> , 46(1):8-14 (1996).
616	PFEIFER et al., "Cerebral hemorrhage after passive anti-A $\beta$ immunotherapy," <u>Science</u> , 298(5597):1379 (2002).
733	PHELPS et al., "Development and Characterization of Monoclonal Antibodies Specific for Amylin," <u>Hybridoma</u> , 15(5):379-386 (1996).
269	PHILIPPE, et al. "Generation of a monoclonal antibody to the carboxy-terminal domain of tau by immunization with the amino-terminal domain of the amyloid precursor protein," <u>J. of Neuroscience Res.</u> , 46:709-719 (1996).
491	PODUSLO et al., "Permeability of proteins at the blood-brain barrier in the normal adult mouse and double transgenic mouse model of Alzheimer's disease," <u>Neurobiol. Dis.</u> , 8(4):555-567 (2001).
837	Press Release, "Alzheimer's vaccine developer awarded Potamkin Prize," American Academy of Neurology, 5/7/01.
142	PRIEELS et al., "Synergistic adjuvants for vaccines," <u>Chemical Abstracts</u> , 120(8):652, column 1, abstract 86406t (1994).
751	PROBERT et al., "Spontaneous inflammatory demyelinating disease in transgenic mice showing central nervous system-specific expression of tumor necrosis factor $\alpha$ ," <u>PNAS</u> , 92:11294-11298 (1995).
394	PRUSINER et al., "Ablation of the prion protein (PrP) gene in mice prevents scrapie and facilitates production of anti-PrP antibodies," <u>PNAS</u> , 90:10608-10612 (1993).
809	QU et al., "A $\beta_{42}$ gene vaccination reduces brain amyloid plaque burden in transgenic mice," <u>J. Neurological Sciences</u> , 244:151-158 (2006).
460	QUEEN et al., "A humanized antibody that binds to the interleukin 2 receptor," <u>PNAS</u> , 86:10029-10033 (1989).
143	QUON et al., "Formation of $\beta$ -Amyloid protein deposits in brains of transgenic mice," <u>Nature</u> , 352:239-241 (1991).
641	RACKE et al., "Exacerbation of Cerebral Amyloid Angiopathy-Associated Microhemorrhage in Amyloid Precursor Protein Transgenic Mice by Immunotherapy Is Dependent on Antibody Recognition of Deposited Forms of amyloid $\beta$ ," <u>J. Neurosci.</u> , 25(3):629-636 (2005).

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517







Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 38 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

497	RAGUSI et al., "Redistribution of Imipramine from Regions of the Brain Under the Influence of Circulating Specific Antibodies," <u>J. Neurochem.</u> , 70(5):2099-2105 (1998).	
145	RASO, "Immunotherapy of Alzheimer's Disease," <u>Immunotherapy Weekly</u> , Abstract (April 2, 1998).	
304	RASO, V.A., Grant application # 1 R43 AGI 5746-01 (non-redacted version), "Immunotherapy of Alzheimer's Disease" (publication date unknown).	
144	RASO, V.A., Grant application # 1 R43 AGI 5746-01 (redacted version), "Immunotherapy of Alzheimer's Disease" (publication date unknown).	
638	Research Corporation Technology News, "THP and SangStat Partner to Develop Humanized Polyclonal Antibody Drugs," 11/11/02.	
626	"Researchers Develop Blood Test to Diagnose Alzheimer's- Type Changes in Mice," downloaded from www.businesswire.com on 12/15/04.	
146	ROGERS et al., "Complement activation by $\beta$ -amyloid in Alzheimer Disease," <u>PNAS</u> , 89:1-5 (1992).	
838	ROSENBERG, R. N., "The Potamkin Prize for Pick's, Alzheimer's Disease and Related Disorders," pages 1-5.	
147	ROSSOR et al., "Alzheimer's Disease Families with Amyloid Precursor Protein Mutations," <u>Annals of New York Academy of Sciences</u> , 695:198-202 (1993).	
655	RUDIHOFF et al., "Single amino acid substitution altering antigen-binding specificity," <u>PNAS</u> , 79:1979-1983 (1982).	
209	RUDINGER, "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence," in <u>Peptide Hormones</u> , J.A. Parson, ed. University Park Press, Baltimore, pp 1-7 (1976).	
189	SAIDO et al., "Spatial Resolution of Fodrin Proteolysis in Postischemic Brain," <u>J. Biol. Chem.</u> , 268(33):25239-25243 (1993).	
194	SAIDO et al., "Spatial Resolution of the Primary $\beta$ -Amyloidogenic Process Induced in Postischemic Hippocampus," <u>J. Biol. Chem.</u> , 269(21):15253-15257 (1994).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 39 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

279	SAITO et al., "Vector-mediated delivery of <sup>125</sup> I-labeled $\beta$ -amyloid peptide Ab <sup>1-40</sup> through the blood-brain barrier and binding to Alzheimer disease amyloid of the A $\beta$ <sup>1-40</sup> vector complex," <u>PNAS</u> , 92:10227-10231 (1995).
278	SAITOH, N. et al., "Immunological analysis of Alzheimer's disease using anti- $\beta$ -protein monoclonal antibodies," <u>Sapporo Med. J.</u> , 60:309-320 (1991).
277	SASAKI et al., "Human choroid plexus is an uniquely involved area of the brain in amyloidosis: a histochemical, immunohistochemical and ultrastructural study," <u>Brain Res.</u> , 755:193-201 (1997).
148	SCHENK et al., "Immunization with amyloid- $\beta$ attenuates Alzheimer-disease-like pathology in the PDAPP mouse," <u>Nature</u> , 400:173-177 (1999).
178	SCHENK et al., "Therapeutic Approaches Related to Amyloid- $\beta$ Peptide and Alzheimer's Disease," <u>J. Med. Chem.</u> , 38(21):4141-4154 (1995).
270	SCHENK et al., " $\beta$ -peptide immunization," <u>Arch. Neurol.</u> , 57:934-936 (2000).
312	SCHENK et al., "Immunotherapy with beta-amyloid for Alzheimer's disease: a new frontier," <u>DNA Cell Biol.</u> , 20(11):679-81 (2001).
414	SCHENK, D., "Amyloid- $\beta$ immunotherapy for Alzheimer's disease: the end of the beginning," <u>Nature Reviews</u> , 3:824-828 (2002).
759	SCHENK et al., "Current progress in beta-amyloid immunotherapy," <u>Curr. Opin. Immunology</u> , 16(5):599-606 (2004).
617	SCHMID, R. E., "Study suggest Alzheimer vaccine fix," from www.msnbc.com/news, pages 1-5 (2002).
768	SCHMITT et al., "Interactions of the alzheimer $\beta$ amyloid fragment <sub>(25-35)</sub> with peripheral blood dendritic cells," <u>Mechanisms of Ageing and Development</u> , 94:223-232 (1997).
466	SCHWARZMAN et al., "Transthyretin sequesters amyloid $\beta$ protein and prevents amyloid formation," <u>PNAS</u> , 91:8368-8372 (1994).
629	SEIDL et al., "Predominant V <sub>H</sub> genes expressed in innate antibodies are associated with distinctive antigen-binding sites," <u>PNAS</u> , 96:2262-2267 (1999).
536	SELA et al., "Different roles of D-amino acids in immune phenomena," <u>FASEB J</u> , 11(6):449-456 (1999)..

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 40 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

150	SELKOE, "Alzheimer's Disease: A Central Role for Amyloid," <u>J. Neuropathol. Exp. Neurol.</u> , 53(5): 438-447 (1994).	
151	SELKOE, "Physiological production of the $\beta$ -amyloid protein and the mechanism of Alzheimer's disease," <u>Trends in Neurosciences</u> , 16(10): 403-409 (1993).	
313	SELKOE, "The cell biology of beta-amyloid precursor protein and presenilin in Alzheimer's disease," <u>Trends Cell Biol.</u> , 8(11):447-53 (1998).	
149	SELKOE, D.J., "Imaging Alzheimer's Amyloid," <u>Nat. Biotech.</u> , 18:823-824 (2000).	
155	SELKOE, Dennis J., "Alzheimer's Disease: Genotypes, Phenotype, and Treatments," <u>Science</u> , 275:630-631 (1997).	
152	SELKOE, Dennis J., "Amyloid Protein and Alzheimer's Disease.....," <u>Scientific American</u> , pgs. 68-78 (1991).	
153	SELKOE, Dennis J., "In the Beginning....," <u>Nature</u> , 354:432-433 (1991).	
154	SELKOE, Dennis J., "The Molecular pathology of Alzheimer's Disease," <u>Neuron</u> , 6:487-498 (1991).	
618	SELKOE, D. J., "Alzheimer's disease is a synaptic failure," <u>Science</u> , 298(5594):789-791 (2002).	
622	SERGEANT et al., "Truncated beta-amyloid peptide species in pre-clinical Alzheimer's disease as new targets for the vaccination approach," <u>J. Neurochem.</u> , 85(6):1581-1591 (2003).	
156	SEUBERT et al., "Isolation and quantification of soluble Alzheimer's $\beta$ -peptide from biological fluids," <u>Nature</u> , 359: 325-327 (1992).	
818	SHINKAI et al., "Amyloid $\beta$ -Proteins 1-40 and 1-42(43) in the Soluble Fraction of Extra- and Intracranial Blood Vessels," <u>Ann. Neurol.</u> , 38:421-428 (1995).	
157	SHIOSAKA, S., "Attempts to make models for Alzheimer's disease," <u>Neuroscience Res.</u> , 13:237-255 (1992).	
330	SIGMUND, "Viewpoint: Are Studies in Genetically Altered Mice Out of Control," <u>Arterioscler Thromb Vasc Biol.</u> , 20:1425-1429 (2000).	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Sheet	41	of	49	Application Number	10/777,792
				Filing Date	February 11, 2004
				First Named Inventor	Schenk, D. B.
				Art Unit	1649
				Examiner Name	Ballard, K. A.
				Attorney Docket Number	15270J-004766US

828	Signet Laboratories, Inc., Product data sheet for mouse monoclonal clone 6E10, revised 7/13/05.	
400	SIGURDSSON et al., "A safer vaccine for Alzheimer's disease?," <u>Neurobiology of Aging</u> , 23:1001-1008 (2002).	
396	SIGURDSSON et al., "Anti-priori antibodies for prophylaxis following prion exposure in mice," <u>Neurosciences Letters</u> , 336:185-187 (2003).	
384	SIGURDSSON et al., "Immunization Delays the Onset of Prion Disease in Mice," <u>American Journal of Pathology</u> , 161:13-17 (2002).	
314	SIGURDSSON, et al., "In vivo reversal of amyloid-beta lesions in rat brain," <u>J Neuropathol Exp Neurol</u> , 59(1):11-17 (2000).	
552	SIGURDSSON et al., "Immunization with a Nontoxic/Nonfibrillar Amyloid- $\beta$ Homologous Peptide Reduces Alzheimer's Disease-Associated Pathology in Transgenic Mice," <u>Am. J. Pathology</u> , 159(2):439-447 (2001).	
505	SIMMONS, L., "Secondary structure of amyloid $\beta$ peptide correlates with neurotoxic activity <i>in vitro</i> ," <u>Molecular Pharmacology</u> , 45:373-379 (1994).	
426	SINGH, K. S., "Neuroautoimmunity: Pathogenic Implications for Alzheimer's Disease," <u>Gerontology</u> , 43:79-94 (1997).	
438	SINGH, V. K., "Studies of neuroimmune markers in Alzheimer's disease," <u>Mol. Neurobiology</u> , 9(1-3):73-81 (1994), abstract only	
315	SINHA, et al., "Recent advances in the understanding of the processing of APP to beta amyloid peptide," <u>Ann N Y Acad Sci</u> , 920:206-8 (2000).	
368	SIPE, "Amyloidosis," <u>Annu. Rev. Biochem.</u> , 61:947-975 (1992).	
337	SKOLNICK and FETROW, "From genes to protein structure and function: novel applications of computational approaches in the genomic era," <u>Trends in Biotech</u> , 18(1):34-39 (2000).	
319	SMALL et al., "Alzheimer's disease and Abeta toxicity: from top to bottom," <u>Nat Rev Neurosci</u> , 2(8):595-598 (2001).	
697	SMALL et al., "Cerebral metabolic and cognitive decline in persons at genetic risk for Alzheimer's disease," <u>PNAS</u> , 97(11):6037-6042 (2000).	

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517



Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 42 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

427	SMITH et al., "The challenges of genome sequence annotation or 'The devil is in the details,'" <u>Nature Biotechnology</u> , 15:1222-1223 (1997).
158	SMITS et al., "Prion Protein and Scrapie Susceptibility," <u>Vet. Quart.</u> , 19(3):101-105 (1997).
185	SOLOMON and et al., "Modulation of The Catalytic Pathway of Carboxypeptidase A by Conjugation with Polyvinyl Alcohols," <u>Adv. Mol. Cell Biology</u> , 15A:33-45 (1996).
186	SOLOMON et al., "Activity of monoclonal antibodies in prevention of in vitro aggregation of their antigens," abstract from Department of Molecular Microbiology and Biotechnology, Tel Aviv University, Tel Aviv, Israel (publication date unknown).
159	SOLOMON et al., "Disaggregation of Alzheimer $\beta$ -amyloid by site-directed mAb," <u>PNAS</u> , 94:4109-4112 (1997).
160	SOLOMON et al., "Monoclonal antibodies inhibit in vitro fibrillar aggregation of the Alzheimer $\beta$ -amyloid peptide," <u>PNAS</u> , 93:452-455 (1996).
411	SOLOMON et al., "The Amino Terminus of the $\beta$ -Amyloid Peptide Contains an Essential Epitope for Maintaining Its Solubility," from <i>Progress in Alzheimer's and Parkinson's Diseases</i> , edited by Fisher et al., Plenum Press, New York, pages 205-211 (1995).
161	SOLOMON, A., "Pro-Rx (Protein Therapeutics)," University of Tennessee Medical Center (publication date unknown).
162	SOLOMON, B., "New Approach Towards Fast Induction of Anti $\beta$ -Amyloid Peptide Immune Response," Department of Molecular Microbiology & Biotechnology, Tel-Aviv University, Ramat Aviv, Tel-Aviv, Israel (publication date unknown).
549	SOLOMON, B., "Immunological approaches as therapy for Alzheimer's disease," <u>Expert Opin. Biol. Ther.</u> , 2(8):907-917 (2002).
620	SOLOMON, B., "Generation and brain delivery of anti-aggregating antibodies against $\beta$ -amyloid plaques using phage display technology," <u>J. Neural Transm. Suppl.</u> , 62:321-325 (2002).
621	SOLOMON, B., "Immunotherapeutic strategies for prevention and treatment of Alzheimer's disease," <u>DNA and Cell Biology</u> , 20(11):697-703 (2001).

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

43

of

49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

316	SOTO et al., "Beta sheet breaker peptides inhibit fibrillogenesis in a rat brain model of amyloidosis: implications for Alzheimer's therapy," <u>Nature Medicine</u> , 4(7):822-826 (1998).
508	SOTO et al., "The $\alpha$ -helical to $\beta$ -strand transition in the amino-terminal fragment of the amyloid $\beta$ -peptide modulates amyloid formation," <u>J. Biol. Chem.</u> , 270(7):3063-3067 (1995).
678	SOUDER et al., "Overview of Alzheimer's disease," <u>Nurs. Clin. N. Am.</u> , 39:545-559 (2004).
179	SOUTHWICK et al., "Assessment of Amyloid $\beta$ protein in Cerebrospinal fluid as an Aid in the Diagnosis of Alzheimer's Disease," <u>J. Neurochemistry</u> , 66:259-265 (1996).
369	SPOONER et al., "The generation and characterization of potentially therapeutic A $\beta$ antibodies in mice: differences according to strain and immunization protocol," <u>Vaccine</u> , 21:290-297 (2002).
271	ST. GEORGE-HYSLOP et al., "Antibody clears senile plaques," <u>Nature</u> , 40:116-117 (1999).
338	STEIN et al., "Lack of Neurodegeneration in Transgenic Mice Overexpressing Mutant Amyloid Precursor Protein is Associated with Increased Levels of Transthyretin and Activation of Cell Survival Pathways," <u>The Journal of Neuroscience</u> , 22(17):7380-7388 (2002).
435	STERN et al., "Antibodies to the $\beta$ -amyloid peptide cross-react with conformational epitopes in human fibrinogen subunits from peripheral blood," <u>FEBS Letters</u> , 264(1):43-47 (1990).
163	STOUTE et al., "A Preliminary Evaluation of a Recombinant Circumsporozoite Protein Vaccine Against <i>Plasmodium Falciparum</i> Malaria", <u>N. Engl. J. Med.</u> , 336(2):86-91 (1997).
496	STRBAK et al., "Passive Immunization and Hypothalamic Peptide Secretion", <u>Neuroendocrinology</u> , 58:210-217 (1993).
164	STURCHLER-PIERRAT et al., "Two amyloid precursor protein transgenic mouse models with Alzheimer disease-like pathology," <u>PNAS</u> , 94: 13287-13292 (1997).
361	SU et al., "Intravascular infusions of soluble $\beta$ -amyloid compromise the blood-brain barrier, activate CNS Glial cells and induce peripheral hemorrhage," <u>Brain Research</u> , 818:105-107 (1999).
498	SUO et al., "Soluble Alzhelmers $\beta$ -amyloid constricts the cerebral vasculature in vivo" <u>Neuroscience Letters</u> , 257:77-80 (1998).

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 44 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

272	SZENDREI, et al., "The effects of aspartic acid-bond isomerization on in vitro properties of the amyloid $\beta$ -peptide as modeled with N-terminal decapeptide fragments," <u>Int. J. Peptide Protein Res.</u> , 47:289-296 (1996).	
467	TABATON et al., "Soluble amyloid $\beta$ -protein is a marker of Alzheimer amyloid in brain but not in cerebrospinal fluid," <u>Biochem. and Biophys. Res. Comm.</u> , 200(3):1598-1603 (1994).	
392	TAL et al., "Complete Freund's Adjuvant Immunization Prolongs Survival in Experimental Prion Disease in Mice," <u>Journal of Neuroscience Research</u> , 71:286-290 (2003).	
399	TAN et al., "Amyloidosis," <u>Histopathology</u> , 25:403-414 (1994).	
165	TANAKA et al., "NC-1900, an active fragment analog of arginine vasopressin, improves learning and memory deficits induced by beta-amyloid protein in rats," <u>European J. Pharmacology</u> , 352:135-142 (1998).	
472	TELLER et al., "Presence of soluble amyloid $\beta$ -peptide precedes amyloid plaque formation in Down's syndrome" <u>Nature Medicine</u> , 2(1):93-95 (1996).	
339	TENNENT et al., "Serum amyloid P component prevents proteolysis of the amyloid fibrils of Alzheimer's disease and systemic amyloidosis," <u>PNAS</u> , 92:4299-4303 (1995).	
273	THORSETT, E.D. et al., "Therapeutic approaches to Alzheimer's disease," <u>Curr. Op. in Chem. Biology</u> , 4:377-382 (2000).	
500	TJERNBERG et al., "A molecular model for Alzheimer amyloid $\beta$ -peptide fibril formation," <u>J. Biol. Chem.</u> , 274(18):12619-12625 (1999).	
276	TJERNBERG et al., "Arrest of $\beta$ -amyloid fibril formation by a pentapeptide ligand," <u>J. Biol. Chem.</u> , 271:8545-8548 (1996).	
537	TJERNBERG, et al, "Controlling amyloid beta-peptide fibril formation with protease-stable ligands," <u>J. Biol Chem.</u> , 272(19):12601-12605 (1997).	
492	TOWN et al., "Characterization of murine immunoglobulin G antibodies against human amyloid- $\beta_{1-42}$ " <u>Neurosci. Lett</u> , 307:101-104 (2001).	
839	TRAVIS, J., "A Vaccine for Alzheimer's Disease?®," <u>Science News Online</u> , 156(2) pages 1-3 downloaded from internet (1999).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60965517





Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 45 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

166	TRIEB et al., "Is Alzheimer beta amyloid precursor protein (APP) an autoantigen? Peptides corresponding to parts of the APP sequence stimulate T lymphocytes in normals, but not in patients with Alzheimer's disease," <u>Immunobiology</u> , 191(2-3):114-115 Abstract C.37, (1994).
767	TRIEB et al., "APP Peptides Stimulate Lymphocyte Proliferation in Normals, But Not in Patients With Alzheimer's Disease," <u>Neurobiology of Aging</u> , 17(4):541-547 (1996).
375	TSUZUKI et al., "Amyloid $\beta$ protein in rat soleus in choroquine-induced myopathy using end-specific antibodies for A $\beta$ 40 and A $\beta$ 42: immunohistochemical evidence for amyloid $\beta$ protein," <u>Neuroscience Letters</u> , 2002:77-80 (1995).
815	URMONEIT et al., "Cerebrovascular Smooth Muscle Cells Internalize Alzheimer Amyloid Beta Protein via a Lipoprotein Pathway: Implications for Cerebral Amyloid Angiopathy," <u>Laboratory Investigation</u> , 77(2):157-166 (1997).
700	VALLEIX et al., "Hereditary renal amyloidosis caused by a new variant lysozyme W64R in a French family," <u>Kidney International</u> , 61:907-912 (2002).
167	VAN GOOL et al., "Concentrations of amyloid- $\beta$ protein in cerebrospinal fluid increase with age in patients free from neurodegenerative disease," <u>Neuroscience Letters</u> , 172:122-124 (1994).
835	VAN LEUVEN, F., "Single and multiple transgenic mice as models for Alzheimer's disease," <u>Progress in Neurobiology</u> , 61:305-312 (2000).
535	VAN REGENMORTEL et al, "D-peptides as immunogens and diagnostic reagents," <u>Curr. Opin. Biotechnol.</u> , 9(4):377-382 (1998).
317	VEHMAS et al., "beta-Amyloid peptide vaccination results in marked changes in serum and brain Abeta levels in APPsw/PS1 DeltaE9 mice, as detected by SELDI-TOF-based ProteinChip® technology," <u>DNA Cell Biol.</u> , (11):713-721 (2001).
428	VELAZQUEZ et al., "Aspartate residue 7 in amyloid $\beta$ -protein is critical for classical complement pathway activation: Implications for Alzheimer's disease pathogenesis," <u>Nature Medicine</u> , 3(1):77-79 (1997).
168	VERBEEK et al., "Accumulation of Intercellular Adhesion Molecule-1 in Senile Plaques in Brain Tissue of patients with Alzheimer's Disease," <u>Amer. Journ. Pathology</u> , 144(1):104-116 (1994).

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517







Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 46 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

410	VERMA et al., "Gene therapy - promises, problems and prospects," <u>Nature</u> , 389:239-242 (1997).	
569	VERSHIGORA A. E. <u>OBSHCHAYA IMMUNOLOGIYA</u> , pages 35, 229-231 and 152-153.	
690	VICKERS, J. C., "A Vaccine Against Alzheimer's Disease," <u>Drugs Aging</u> , 19(7):487-494 (2002).	
800	VIDANOVIC et al., "Effects of nonionic surfactants on the physical stability of immunoglobulin G in aqueous solution during mechanical agitation," <u>DIE PHARMAZIE</u> , 58(6):399-404 (2003).	
169	WALKER et al., "Labeling of Cerebral Amyloid <i>In Vivo</i> with a Monoclonal Antibody," <u>J. Neuropath. Exp. Neurology</u> , 53(4):377-383 (1994).	
623	WALSH et al., "Naturally secreted oligomers of amyloid $\beta$ protein potently inhibit hippocampal long-term potentiation in vivo," <u>Nature</u> , 416(6880):535-539 (2002).	
480	WANG et al., "The levels of soluble versus insoluble brain A $\beta$ distinguish Alzheimer's disease from normal and pathologic aging," <u>Experimental Neurology</u> , 158:328-337 (1999).	
495	WANG et al., "Soluble oligomers of $\beta$ amyloid (1-42) inhibit long-term potentiation but not long-term depression in rat dentate gyrus," <u>Brain Research</u> , 924:133-140 (2002).	
801	WANG, W., "Instability, stabilization, and formulation of liquid protein pharmaceuticals," <u>Int. J. Pharmaceutics</u> , 185(2):129-188 (1999).	
624	WASHINGTON UNIVERSITY IN ST. LOUIS SCHOOL OF MEDICINE, "Study gives Clues to Working of Anti-Alzheimer Antibody," downloaded from <a href="http://www.medicine.wustl.edu/~wumpa/news">www.medicine.wustl.edu/~wumpa/news</a> on 12/15/04.	
676	<u>Webster's New World Dictionary</u> , page 1387, therapeutic (1988).	
688	<u>Webster's New World Dictionary of American English</u> , Third College Edition, page 1078 (1988).	
274	WEINER et al., "Nasal administration of amyloid- $\beta$ peptide decreases cerebral amyloid burden in a mouse model of Alzheimer's disease," <u>Annals of Neurology</u> , 48:567-579 (2000).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60965517





Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 47 of 49

## Complete if Known

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

171	WEINER et al., "ORAL TOLERANCE: Immunologic Mechanisms and Treatment of Animal and Human Organ-Specific Autoimmune Diseases by Oral Administration of Autoantigens," <u>Annu. Rev. Immunol.</u> , 12:809-837 (1994).	
765	WEINER, H. L., "Oral tolerance: immune mechanisms and treatment of autoimmune diseases," <u>Immunology Today</u> , 18:335-343 (1997).	
739	WEINREB et al., "NACP, A Protein Implicated in Alzheimer's Disease and Learning, Is Natively Unfolded," <u>Biochemistry</u> , 35(43):13709-13715 (1996).	
172	WEISSMANN et al., "Bovine spongiform encephalopathy and early onset variant Creutzfeldt-Jakob disease," <u>Curr. Opin. Neurobiol.</u> , 7:695-700 (1997).	
387	WELDON et al., "Neurotoxicity of A $\beta$ Peptide: Confocal Imaging of Cellular Changes Induced by $\beta$ -Amyloid in Rat CNS <i>In Vivo</i> ," <u>Society for Neuroscience Abstracts</u> , 22(Part 1) (1996).	
429	WELLS, J. A., "Additivity of Mutational Effects in Proteins," <u>Biochemistry</u> , 29(37):8509-8517 (1990).	
180	WEN, G.Y., "Alzheimer's Disease and Risk Factors," <u>J. Food Drug Analysis</u> , 6(2):465-476 (1998).	
170	WENGENACK et al., "Targeting Alzheimer amyloid plaques in vivo," <u>Nature Biotech.</u> , 18:868-872 (2000).	
625	WHITE et al., "Immunotherapy as a therapeutic treatment for neurodegenerative disorders," <u>J. Neurochem.</u> , 87(4):801-808 (2003).	
749	Wikipedia definition of "epitope" printed from internet on 4/26/06.	
752	Wikipedia definition of "antigen" printed from internet on 4/26/06.	
753	Wikipedia definition of "route of administration including parenteral" printed from internet on 4/26/06.	
474	WINTER et al., "Humanized antibodies" <u>Immunology Today</u> , 14(6):243-246 (1996).	

Examiner  
Signature

Date  
Considered

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 48 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

223	WISCONSIN ALUMNI RESEARCH FOUNDATION, "Injection of Newborn Mice with Seven Chemical Adjuvants to Help Determine Their Safety in Use in Biologicals", U.S. Govt. Res. Develop. Rep., 70(24), 56. (Publication date unknown.)	
468	WISNIEWSKI et al., "Alzheimer's disease and soluble A beta," <u>Neurobiol. Aging</u> , 15(2):143-52 (1994).	
385	WISNIEWSKI et al., "Therapeutics in Alzheimer's and Prion Diseases," <u>Biochemical Society Transactions</u> , 30(4):574-587 (2002).	
219	WONG et al., "Neuritic Plaques and Cerebrovascular Amyloid in Alzheimer Disease are Antigenically Related," <u>PNAS</u> , 82:8729-8732 (1985).	
173	WOOD et al., "Amyloid precursor protein processing and A $\beta$ 2 deposition in a transgenic mouse model of Alzheimer disease," <u>PNAS</u> , 94: 1550-1555 (1997).	
506	WOOD et al., "Prolines and amyloidogenicity in fragments of the Alzheimer's peptide $\beta$ A4" <u>Biochemistry</u> , 34:724-730 (1995).	
275	WU, et al., "Drug targeting of a peptide radiopharmaceutical through the primate blood-brain barrier in vivo with a monoclonal antibody to the human insulin receptor," <u>J. Clin. Invest.</u> , 100:1804-1812 (1997).	
567	WU et al., "An Analysis of the Sequences of the Variable Regions of Bence Jones Proteins and Myeloma Light Chains and their Implications for Antibody Complementarity", <u>J. Exp. Med.</u> , 132:211-250 (1970).	
507	XU et al., "Increased incidence of anti- $\beta$ -amyloid autoantibodies secreted by Epstein-Barr virus transformed B cell lines from patients with Alzheimer's disease," <u>Mechanisms of Ageing and Development</u> , 94:213-222 (1997).	
728	YAMADA et al., "Generation and Characterization of Rat Monoclonal Antibodies Against Human Serum Amyloid A," <u>Scand. J. Immunol.</u> , 46(2):175-179 (1997).	
292	YAMAGUCHI et al., Diffuse plaques associated with astroglial amyloid $\beta$ protein, possibly showing a disappearing stage of senile plaques," <u>Acta Neuropathol.</u> , 95:217-222 (1998).	
430	YANG et al., "Effects of Racemization on the Aggregational Properties of the Amyloid $\beta$ -Peptide in Alzheimer's Disease," abstract # 255 from American Chemical Society 214th National Meeting (1997).	
290	YOUNKIN, "Amyloid $\beta$ vaccination: reduced plaques and improved cognition," <u>Nature Medicine</u> , 7:18-19 (2001).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

Sheet 49 of 49

793	ZAMEER et al., "Single Chain Fv Antibodies against 25-35 Peptide Fragment of Amyloid- $\beta$ : Potential Therapeutic for Alzheimer's Disease," Abstract P4-420, Page S593, presented at Poster Session P4:Therapeutics and Therapeutic Strategies-Therapeutic Strateies, Amyloid-Based	
825	ZHANG et al., "Specialized Applications, Purification of Recombinant Proteins and Study of Protein Interaction by Epitope Tagging," <u>Current Protocols in Mol. Biol.</u> , Supp 41, pages 10.15.1 through 10.15.9 (1998).	
810	ZHANG et al., "A novel recombinant adeno-associated virus vaccine reduces behavioral impairment and $\beta$ -amyloid plaques in a mouse model of Alzheimer's disease," <u>Neurobiology of Disease</u> , 14:365-379 (2003).	
483	ZLOKOVIC et al., "Clearance of amyloid $\beta$ -peptide from brain: transport or metabolism?," <u>Nature Medicine</u> , 6(7):718-719 (2000).	
580	ZLOKOVIC et al., "Glycoprotein 330/megalin: probable role in receptor-mediated transport of apolipoprotein J alone and in a complex with Alzheimer disease amyloid beta at the blood-brain and blood-cerebrospinal fluid barriers," <u>PNAS</u> , 93(9):4229-4334 (1996) abstract only.	

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
60965517